

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1
E CYTOPROTECTIVE

L3 10060 S E1-E8

L4 781 S L3 AND L2

L5 7993 S HEAT SHOCK PROTEINS

L6 10 S L4 AND L5

L7 23791 S NF

L8 8 S L7 AND L4
E CYCLOPENTENONE

L9 4006 S E3

L10 8 S L9 AND L4

L11 8 S L10 NOT L8

L12 3 S L10 NOT L6

L13 8 S L2 AND L8

L14 188 S L2 AND L9

L15 8 S L14 AND L3

L16 0 S L15 NOT L10

L17 180 S L14 NOT L4

L18 3 S L4 AND PGA

L1 1007 S E2-E3

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L15 8 S L14 AND L3

L16 0 S L15 NOT L10

L17 180 S L14 NOT L4

L18 3 S L4 AND PGA

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptaul25rxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	6	Oct 22	Over 1 million reactions added to CASREACT
NEWS	7	Oct 22	DGENE GETSIM has been improved
NEWS	8	Oct 29	AAASD no longer available
NEWS	9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS	10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS	11	Nov 29	COPPERLIT now available on STN
NEWS	12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	13	Nov 30	Files VETU and VETB to have open access
NEWS	14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS	15	Dec 10	DGENE BLAST Homology Search
NEWS	16	Dec 17	WELDASEARCH now available on STN
NEWS	17	Dec 17	STANDARDS now available on STN
NEWS	18	Dec 17	New fields for DPCI
NEWS	19	Dec 19	CAS Roles modified
NEWS	20	Dec 19	1907-1946 data and page images added to CA and Cplus
NEWS	21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	22	Jan 25	Searching with the P indicator for Preparations
NEWS	23	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	24	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	25	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	26	Mar 08	Gene Names now available in BIOSIS
NEWS	27	Mar 22	TOXLIT no longer available
NEWS	28	Mar 22	TRCTHERMO no longer available
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002

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STRUCTURE FILE UPDATES: 21 MAR 2002 HIGHEST RN 402557-89-5

DICTIONARY FILE UPDATES: 21 MAR 2002 HIGHEST RN 402557-89-5

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
during this period, either directly appended to a CAS Registry Number
or by qualifying an L-number with /P, may have yielded incomplete results.
As of 1/23/02, the situation has been resolved. Also, note that searches
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files
incorporating CAS Registry Numbers with the P indicator between 12/27/01
and 1/23/02, are encouraged to re-run these strategies. Contact the
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> e prostaglandin

E1	5	PROSTAGLAND/BI
E2	1007	PROSTAGLANDI/BI
E3	1001 -->	PROSTAGLANDIN/BI
E4	2	PROSTAGLANDINE/BI
E5	5	PROSTAGLANDINS/BI
E6	1	PROSTAGLANDOYL/BI
E7	4	PROSTAGLANDYL/BI
E8	4	PROSTAGLANDYLINOSIT/BI
E9	4	PROSTAGLANDYLINOSITOL/BI
E10	1	PROSTAGUTT/BI
E11	2	PROSTAL/BI
E12	2	PROSTALENE/BI

=> s e2-e3

1007 PROSTAGLANDI/BI
1001 PROSTAGLANDIN/BI

L1 1007 (PROSTAGLANDI/BI OR PROSTAGLANDIN/BI)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.32

8.47

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 24 Mar 2002 VOL 136 ISS 13

FILE LAST UPDATED: 22 Mar 2002 (20020322/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/Caplus files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=>

=> s l1

L2 57652 L1

=> e cytoprotective

E1	1681	CYTOPROTECTION/BI
E2	1	CYTOPROTECTIONSTOMACH/BI
E3	9263 -->	CYTOPROTECTIVE/BI
E4	4	CYTOPROTECTIVELY/BI
E5	6	CYTOPROTECTIVES/BI
E6	5	CYTOPROTECTIVITY/BI
E7	1	CYTOPROTECTON/BI
E8	21	CYTOPROTECTOR/BI
E9	6	CYTOPROTECTORS/BI
E10	1	CYTOPROTECTS/BI
E11	1	CYTOPROTEIDS/BI
E12	5	CYTOPROTEIN/BI

=> s e1-e8

1681 CYTOPROTECTION/BI

1 CYTOPROTECTIONSTOMACH/BI
 9263 CYTOPROTECTIVE/BI
 4 CYTOPROTECTIVELY/BI
 6 CYTOPROTECTIVES/BI
 5 CYTOPROTECTIVITY/BI
 1 CYTOPROTECTON/BI
 21 CYTOPROTECTOR/BI
 L3 10060 (CYTOPROTECTION/BI OR CYTOPROTECTIONSTOMACH/BI OR CYTOPROTECTIVE
 /BI OR CYTOPROTECTIVELY/BI OR CYTOPROTECTIVES/BI OR CYTOPROTECTI
 VITY/BI OR CYTOPROTECTON/BI OR CYTOPROTECTOR/BI)

=> s 13 and 12

L4 781 L3 AND L2

=> s heat shock proteins

1017348 HEAT

104019 SHOCK

901387 PROTEINS

L5 7993 HEAT SHOCK PROTEINS
 (HEAT(W) SHOCK(W) PROTEINS)

=> s 14 and 15

L6 10 L4 AND L5

=> d 16 1-10

L6 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2002 ACS

AN 2001:846483 CAPLUS

DN 136:80207

TI Biphasic effects of 15-deoxy-.DELTA.12,14-prostaglandin J2 on glutathione induction and apoptosis in human endothelial cells

AU Levonen, Anna-Liisa; Dickinson, Dale A.; Moellering, Douglas R.; Mulcahy, R. Timothy; Forman, Henry Jay; Darley-Usmar, Victor M.

CS Department of Pathology, Molecular and Cellular Division, University of Alabama at Birmingham, Birmingham, AL, 35294-0019, USA

SO Arteriosclerosis, Thrombosis, and Vascular Biology (2001), 21(11), 1846-1851

CODEN: ATVBFA; ISSN: 1079-5642

PB Lippincott Williams & Wilkins

DT Journal

LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2002 ACS

AN 2001:769701 CAPLUS

DN 136:48407

TI A Protective Role for Cyclooxygenase-2 in Drug-Induced Liver Injury in Mice

AU Reilly, Timothy P.; Brady, John N.; Marchick, Michael R.; Bourdi, Mohammed; George, John W.; Radonovich, Michael F.; Pise-Masison, Cynthia A.; Pohl, Lance R.

CS Molecular and Cellular Toxicology Section Laboratory of Molecular Immunology, NHLBI, NIH, Bethesda, MD, 20892-1760, USA

SO Chemical Research in Toxicology (2001), 14(12), 1620-1628

CODEN: CRTOEC; ISSN: 0893-228X

PB American Chemical Society

DT Journal

LA English

RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2001:503468 CAPLUS
DN 135:236943
TI Regulation of Prostaglandin A1-induced Heat Shock Protein Expression in Isolated Cardiomyocytes
AU Cornelussen, R. N. M.; Gupta, S.; Knowlton, A. A.
CS Baylor College of Medicine and the VA Medical Center, Houston, TX, USA
SO Journal of Molecular and Cellular Cardiology (2001), 33(8), 1447-1454
CODEN: JMCDAY; ISSN: 0022-2828
PB Academic Press
DT Journal
LA English
RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2001:240815 CAPLUS
DN 134:290677
TI Prostaglandin A1 protects striatal neurons against excitotoxic injury in rat striatum
AU Qin, Zheng-Hong; Wang, Yumei; Chen, Ren-Wu; Wang, Xiaoxia; Ren, Ming; Chuang, De-Maw; Chase, Thomas N.
CS Experimental Therapeutics Branch, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD, USA
SO Journal of Pharmacology and Experimental Therapeutics (2001), 297(1), 78-87
CODEN: JPETAB; ISSN: 0022-3565
PB American Society for Pharmacology and Experimental Therapeutics
DT Journal
LA English
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:156180 CAPLUS
DN 132:303816
TI Preconditioning of Human Smooth Muscle Cells via Cyclopentenone Prostaglandins Protects against Toxic Effects of Oxidized Low-Density Lipoprotein
AU Hamel, Linda; Kenney, Margaret; Clark, Kenneth; Merkel, Linda; Rojas, Camilo
CS Cardiovascular Biology, Aventis, Collegeville, PA, 19426, USA
SO Biochem. Biophys. Res. Commun. (2000), 269(2), 327-330
CODEN: BBRC9; ISSN: 0006-291X
PB Academic Press
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:11469 CAPLUS
DN 132:132683
TI .DELTA.12-Prostaglandin J2 is a potent inhibitor of influenza A virus replication
AU Pica, Francesca; Palamara, Anna Teresa; Rossi, Antonio; De Marco, Alessandra; Amici, Carla; Santoro, M. Gabriella
CS Departments of Experimental Medicine, University of Rome Tor Vergata, Rome, 00133, Italy
SO Antimicrob. Agents Chemother. (2000), 44(1), 200-204
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology

DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:625857 CAPLUS
DN 131:318176
TI Induction of ferritin and **heat shock proteins**
by prostaglandin A1 in human monocytes. Evidence for transcriptional and
post-transcriptional regulation
AU Elia, Giuliano; Polla, Barbara; Rossi, Antonio; Santoro, Gabriella
CS Institute of Experimental Medicine, CNR, Rome, Italy
SO Eur. J. Biochem. (1999), 264(3), 736-745
CODEN: EJBCAI; ISSN: 0014-2956
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:590384 CAPLUS
DN 132:117283
TI Association of 72-kDa heat shock protein expression with adaptation to
aspirin in rat gastric mucosa
AU Jin, Mario; Otaka, Michiro; Okuyama, Atsushi; Itoh, Satoshi; Otani,
Setsuya; Odashima, Masaru; Iwabuchi, Akira; Konishi, Noriaki; Wada, Isao;
Pacheco, Ivan; Itoh, Hideaki; Tashima, Yohtalou; Masamune, Osamu;
Watanabe, Sumio
CS First Department of Internal Medicine and Department of Biochemistry,
Akita University School of Medicine, Akita, 010-8543, Japan
SO Dig. Dis. Sci. (1999), 44(7), 1401-1407
CODEN: DDSCDJ; ISSN: 0163-2116
PB Kluwer Academic/Plenum Publishers
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1997:22043 CAPLUS
DN 126:112777
TI 2-Cyclopenten-1-one, a new inducer of heat shock protein 70 with antiviral
activity
AU Rossi, Antonio; Elia, Giuliano; Santoro, M. Gabriella
CS Inst. Experimental Med. CNR, Viale K. Marx, Rome, 00137, Italy
SO J. Biol. Chem. (1996), 271(50), 32192-32196
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L6 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1995:613802 CAPLUS
DN 123:26219
TI Induction by prostaglandin A1 of heme oxygenase in myoblastic cells: an
effect independent of expression of the 70 kDa heat shock protein
AU Rossi, Antonio; Santoro, M. Gabriella
CS Inst. Experimental Medicine, CNR, Rome, 00135, Italy
SO Biochem. J. (1995), 308(2), 455-63
CODEN: BIJOAK; ISSN: 0264-6021

DT Journal
LA English

=> d 16 9 10 all

L6 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1997:22043 CAPLUS
DN 126:112777
TI 2-Cyclopenten-1-one, a new inducer of heat shock protein 70 with antiviral activity
AU Rossi, Antonio; Elia, Giuliano; Santoro, M. Gabriella
CS Inst. Experimental Med. CNR, Viale K. Marx, Rome, 00137, Italy
SO J. Biol. Chem. (1996), 271(50), 32192-32196
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
CC 1-5 (Pharmacology)
AB The **cytoprotective** role of **heat shock proteins** (HSP) described in a variety of human diseases, including ischemia, inflammation, and infection, suggests new therapeutic strategies relying upon the development of drugs that selectively turn on heat shock genes. Cyclopentenone prostaglandins, which contain an .alpha.,.beta.-unsatd. carbonyl group in the cyclopentane ring and possess antiviral activity against several RNA and DNA viruses, were shown to function as signal for HSP synthesis in a nonstressful situation in a variety of mammalian cells. We now report that 2-cyclopenten-1-one selectively induces the expression of the 70-kDa HSP (HSP70) in human cells, through cycloheximide-sensitive activation of heat shock transcription factor 1 (HSF1). The .alpha.,.beta.-unsatd. carbonyl group is the key structure triggering HSF1 activation. Induction is assocd. with antiviral activity during infection with vesicular stomatitis virus. These results identify the mol. structure of natural prostaglandins responsible for HSF1 activation and open new perspectives in the search for novel antiviral and **cytoprotective** drugs.
ST antiviral cyclopentenone heat shock protein 70
IT Heat-shock factors
RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
(HSF1; cyclopentenone - inducer of heat shock protein 70 with antiviral activity)
IT Antiviral agents
Structure-activity relationship
(cyclopentenone - inducer of heat shock protein 70 with antiviral activity)
IT Protein HSP70
RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
(cyclopentenone - inducer of heat shock protein 70 with antiviral activity)
IT 111-14-8, Oenanthic acid 120-92-3, Cyclopentanone 142-29-0, Cyclopentene 3391-86-4, 1-Octen-3-ol 14152-28-4, PGA1
RL: BAC (Biological activity or effector, except adverse); BIOL (Biological study)
(cyclopentenone - inducer of heat shock protein 70 with antiviral activity)
IT 930-30-3, 2-Cyclopenten-1-one
RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cyclopentenone - inducer of heat shock protein 70 with antiviral activity)
L6 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2002 ACS

AN 1995:613802 CAPLUS
 DN 123:26219
 TI Induction by prostaglandin A1 of heme oxygenase in myoblastic cells: an effect independent of expression of the 70 kDa heat shock protein
 AU Rossi, Antonio; Santoro, M. Gabriella
 CS Inst. Experimental Medicine, CNR, Rome, 00135, Italy
 SO Biochem. J. (1995), 308(2), 455-63
 CODEN: BIJOAK; ISSN: 0264-6021
 DT Journal
 LA English
 CC 2-9 (Mammalian Hormones)
 AB Prostaglandins of the A type (PGA) induce the synthesis of 70 kDa **heat shock proteins** (hsp70) in a large variety of mammalian cells. Induction of hsp70 has been assocd. with a **cytoprotective** effect of PGA1 after virus infection of thermal injury. In the present report the authors provide evidence that, in murine myoblasts, PGA1 is not able to induce hsp70 expression, whereas it increases the synthesis of the constitutive protein, hsc70, and dramatically induces the synthesis of a 32 kDa protein (p32). The p32 protein has been identified as heme oxygenase. PGA1 acts at the transcriptional level by inducing heme oxygenase mRNA synthesis, and the signal for induction appears to be assocd. with decreased intracellular GSH levels. Heme oxygenase, a low-mol. mass stress protein induced in mammalian cells by oxidant stress, is known to be part of a general inducible antioxidant defense pathway. The fact that prostaglandin synthesis is stimulated in muscle during contraction and in the heart in response to ischemia raises the possibility that induction of heme oxygenase by PGA in myoblasts could be part of a protective mechanism in operation during stress and hypoxia.
 ST PGA1 heme oxygenase myoblast heatshock protein
 IT Myoblast
 (PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)
 IT Proteins, specific or class
 RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
 (hsp 70, PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)
 IT 70-18-8, GSH, biological studies
 RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
 (PGA1 stimulation of heme oxygenase in myoblast in relation to GSH attenuation)
 IT 14152-28-4, PGA1
 RL: BAC (Biological activity or effector, except adverse); BIOL (Biological study)
 (PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)
 IT 9059-22-7, Heme oxygenase
 RL: MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
 (PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)

 => s nf
 L7 23791 NF

 => s 17 and 14
 L8 8 L7 AND L4

 => d 18 1-8

 L8 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:757816 CAPLUS
 DN 135:283191
 TI Methods for treating inflammation, inflammatory diseases, arthritis and

stroke using poly-ADP ribose polymerase (pADPRT) inhibitors
 IN Kun, Ernestt
 PA Octamer, Inc., USA
 SO U.S., 30 pp., Cont.-in-part of U.S. 5,908,861.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6303629	B1	20011016	US 1998-56396	19980406
	US 5908861	A	19990601	US 1997-855616	19970513
	WO 9851307	A1	19981119	WO 1998-US9768	19980513
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	WO 9851308	A1	19981119	WO 1998-US10033	19980513
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9874847	A1	19981208	AU 1998-74847	19980513
	AU 9874926	A1	19981208	AU 1998-74926	19980513
	EP 1009404	A1	20000621	EP 1998-922359	19980513
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9809115	A	20020102	BR 1998-9115	19980513
	JP 2002502367	T2	20020122	JP 1998-549608	19980513
PRAI	US 1997-855616	A2	19970513		
	US 1998-56396	A	19980406		
	WO 1998-US10033	W	19980513		
	WO 1998-US9768	W	19980513		

OS MARPAT 135:283191

RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:503468 CAPLUS
 DN 135:236943
 TI Regulation of Prostaglandin A1-induced Heat Shock Protein Expression in Isolated Cardiomyocytes
 AU Cornelussen, R. N. M.; Gupta, S.; Knowlton, A. A.
 CS Baylor College of Medicine and the VA Medical Center, Houston, TX, USA
 SO Journal of Molecular and Cellular Cardiology (2001), 33(8), 1447-1454
 CODEN: JMCDDY; ISSN: 0022-2828
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:240815 CAPLUS

DN 134:290677
TI Prostaglandin A1 protects striatal neurons against excitotoxic injury in rat striatum
AU Qin, Zheng-Hong; Wang, Yumei; Chen, Ren-Wu; Wang, Xiaoxia; Ren, Ming; Chuang, De-Maw; Chase, Thomas N.
CS Experimental Therapeutics Branch, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD, USA
SO Journal of Pharmacology and Experimental Therapeutics (2001), 297(1), 78-87
CODEN: JPETAB; ISSN: 0022-3565
PB American Society for Pharmacology and Experimental Therapeutics
DT Journal
LA English
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2002 ACS
AN 2001:105760 CAPLUS
DN 134:275699
TI Piroxicam and NS-398 rescue neurones from hypoxia/reoxygenation damage by a mechanism independent of cyclo-oxygenase inhibition
AU Vartiainen, Nina; Huang, Chiung-Ying; Salminen, Antero; Goldsteins, Gundars; Chan, Pak H.; Koistinaho, Jari
CS A.I. Virtanen Institute for Molecular Sciences, University of Kuopio, Kuopio, FIN-70211, Finland
SO Journal of Neurochemistry (2001), 76(2), 480-489
CODEN: JONRA9; ISSN: 0022-3042
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS
AN 2000:828292 CAPLUS
DN 134:129760
TI Enhanced sensitivity and long-term G2 arrest in hydrogen peroxide-treated Ku80-null cells are unrelated to DNA repair defects
AU Arrington, E. D.; Caldwell, M. C.; Kumaravel, T. S.; Lohani, A.; Joshi, A.; Evans, M. K.; Chen, H. T.; Nussenzweig, A.; Holbrook, N. J.; Gorospe, M.
CS Laboratory of Biological Chemistry, National Institute on Aging, Baltimore, MD, USA
SO Free Radical Biology & Medicine (2000), 29(11), 1166-1176
CODEN: FRBMEH; ISSN: 0891-5849
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS
AN 2000:688097 CAPLUS
DN 133:247309
TI Oxacyclopentenone compounds as heat shock transcription factor activators and NF- κ B inhibitors, and therapeutic and research uses thereof
IN Santoro, Maria Gabriella; Roberts, Stanley Michael; Guyot, Thierry
PA Charterhouse Therapeutics Ltd., UK
SO PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000056341	A1	20000928	WO 2000-GB1086	20000322
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1165092	A1	20020102	EP 2000-915293	20000322
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	GB 1999-6587	A	19990322		
	US 1999-126968P	P	19990330		
	WO 2000-GB1086	W	20000322		

OS MARPAT 133:247309

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2000:147237 CAPLUS

DN 132:246638

TI DDM-PGE2-mediated **cytoprotection** in renal epithelial cells by a thromboxane A2 receptor coupled to **NF- κ B**

AU Weber, Thomas J.; Monks, Terrence J.; Lau, Serrine S.

CS Division of Pharmacology and Toxicology, College of Pharmacy, University of Texas at Austin, Austin, TX, 78712-1074, USA

SO Am. J. Physiol. (2000), 278(2, Pt. 2), F270-F278

CODEN: AJPHAP; ISSN: 0002-9513

PB American Physiological Society

DT Journal

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 1998:706994 CAPLUS

DN 130:105032

TI Improved blood substitute evaluation of its effects on human endothelial cells

AU Simoni, Jan; Simoni, Grace; Martinez-Zagyalan, Raul; Wesson, Donald E.;

Lox, Charles D.; Prien, Samuel D.; Kumar, Ramana Vijay

CS Departments of Surgery, Texas Tech University Health Sciences Center, Lubbock, TX, 79430, USA

SO ASAIO J. (1998), 44(5), M356-M367

CODEN: AJOJET; ISSN: 1058-2916

PB Lippincott-Raven Publishers

DT Journal

LA English

RE.CNT 95 THERE ARE 95 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002

E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1

E CYTOPROTECTIVE

L3 10060 S E1-E8

L4 781 S L3 AND L2

L5 7993 S HEAT SHOCK PROTEINS

L6 10 S L4 AND L5

L7 23791 S NF

L8 8 S L7 AND L4

=> e cyclopentenone

E1 1 CYCLOPENTENONATO/BI

E2 1 CYCLOPENTENONCYANOHYDRIN/BI

E3 4006 --> CYCLOPENTENONE/BI

E4 3 CYCLOPENTENONEACETATE/BI

E5 3 CYCLOPENTENONEACETIC/BI

E6 1 CYCLOPENTENONEALKANOATE/BI

E7 1 CYCLOPENTENONEALKENOIC/BI

E8 8 CYCLOPENTENONECARBOXYLATE/BI

E9 3 CYCLOPENTENONECARBOXYLATES/BI

E10 2 CYCLOPENTENONECARBOXYLIC/BI

E11 1 CYCLOPENTENONEDICARBOXYLATE/BI

E12 1 CYCLOPENTENONEDIOL/BI

=> s e3

L9 4006 CYCLOPENTENONE/BI

=> s 19 and 14

L10 8 L9 AND L4

=> s 110 not 18

L11 8 L10 NOT L8

=> s 110 not 16

L12 3 L10 NOT L6

=> d 112 1-3

L12 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 2001:266651 CAPLUS

DN 134:320966

TI Neurotrophic actions of novel compounds designed from

cyclopentenone prostaglandins

AU Satoh, Takumi; Furuta, Kyoji; Tomokiyo, Keiichiro; Namura, Shobu;

Nakatsuka, Daisaku; Sugie, Yutaka; Ishikawa, Yasuyuki; Hatanaka, Hiroshi;

Suzuki, Masaaki; Watanabe, Yasuyoshi

CS Department of Neuroscience, Osaka Bioscience Institute, Suita, 565-0874,
Japan

SO Journal of Neurochemistry (2001), 77(1), 50-62

CODEN: JONRA9; ISSN: 0022-3042

PB Blackwell Science Ltd.

DT Journal

LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 1998:549249 CAPLUS

DN 129:270975
 TI Inhibition of rotavirus replication by prostaglandin A: evidence for a
 block of virus maturation
 AU Superti, Fabiana; Amici, Carla; Tinari, Antonella; Donelli, Gianfranco;
 Santoro, M. Gabriella
 CS Dep. Ultrastructures, Istituto Superiore Sanita, Dep. Experimental Med.,
 Dep. Biol., Univ. Rome Tor Vergata, Rome, Italy
 SO J. Infect. Dis. (1998), 178(2), 564-568
 CODEN: JIDIAQ; ISSN: 0022-1899
 PB University of Chicago Press
 DT Journal
 LA English

L12 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 1984:591508 CAPLUS

DN 101:191508

TI 5-Membered cyclic compounds, and their pharmaceutical use

IN Noyori, Ryoji; Fukushima, Masanori; Kurozumi, Seizi; Sugiura, Satoshi

PA Teijin Ltd. , Japan

SO Eur. Pat. Appl., 67 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 106576	A2	19840425	EP 1983-305650	19830922
	EP 106576	A3	19841205		
	EP 106576	B1	19880309		
	R: CH, DE, FR, GB, IT, LI				
	JP 59065015	A2	19840413	JP 1982-175267	19821007
	JP 02058247	B4	19901207		
	JP 59065068	A2	19840413	JP 1982-175268	19821007
	JP 02010154	B4	19900306		
	JP 59148734	A2	19840825	JP 1983-21617	19830214
	JP 02004215	B4	19900126		
	JP 59164747	A2	19840917	JP 1983-38190	19830310
	JP 01040020	B4	19890824		
	US 4766147	A	19880823	US 1986-823146	19860129
PRAI	JP 1982-175267		19821007		
	JP 1982-175268		19821007		
	JP 1983-21617		19830214		
	JP 1983-38190		19830310		
	US 1983-534256		19830921		
OS	CASREACT 101:191508				

=> d 112 3 all

L12 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 1984:591508 CAPLUS

DN 101:191508

TI 5-Membered cyclic compounds, and their pharmaceutical use

IN Noyori, Ryoji; Fukushima, Masanori; Kurozumi, Seizi; Sugiura, Satoshi

PA Teijin Ltd. , Japan

SO Eur. Pat. Appl., 67 pp.

CODEN: EPXXDW

DT Patent /

LA English

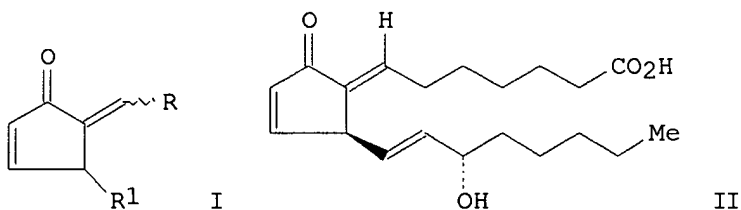
IC C07C069-738; C07C059-82; C07C177-00; C07C067-327; C07C051-00; A61K031-557;
 A61K031-19; A61K031-215

CC 26-3 (Biomolecules and Their Synthetic Analogs)

Section cross-reference(s): 1, 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 106576	A2	19840425	EP 1983-305650	19830922
	EP 106576	A3	19841205		
	EP 106576	B1	19880309		
	R: CH, DE, FR, GB, IT, LI				
	JP 59065015	A2	19840413	JP 1982-175267	19821007
	JP 02058247	B4	19901207		
	JP 59065068	A2	19840413	JP 1982-175268	19821007
	JP 02010154	B4	19900306		
	JP 59148734	A2	19840825	JP 1983-21617	19830214
	JP 02004215	B4	19900126		
	JP 59164747	A2	19840917	JP 1983-38190	19830310
	JP 01040020	B4	19890824		
	US 4766147	A	19880823	US 1986-823146	19860129
PRAI	JP 1982-175267		19821007		
	JP 1982-175268		19821007		
	JP 1983-21617		19830214		
	JP 1983-38190		19830310		
	US 1983-534256		19830921		
OS	CASREACT 101:191508				
GI					



- AB 7,8-Didehydro prostaglandin analogs (I, R, R₁ = (un)substituted C₁-12 aliph. hydrocarbon group] were prepd., by appropriate modification of conventional methods, and shown, in some cases, to have activity against Ehrlich ascites sarcoma and to be effective stomach **cytoprotective** agents at safer dosage levels than mytomycin C. Typical of compds. prepd. and tested was II.
- ST prostaglandin antitumor stomach cytoprotectant
- IT Neoplasm inhibitors
Neoplasm inhibitors
(7,8-didehydro prostaglandin analogs)
- IT Stomach, disease or disorder
(**cytoprotective** agents for, 7,8-didehydro prostaglandin analogs as)
- IT Prostaglandins
RL: RCT (Reactant)
(analog, 7,8-didehydro)
- IT 56745-67-6
RL: RCT (Reactant)
(alkylation of, in synthesis of prostaglandin analogs)
- IT 106-95-6, reactions
RL: RCT (Reactant)
(alkylation with, of **cyclopentenone** deriv.)
- IT 123-72-8 35376-00-2
RL: RCT (Reactant)

(condensation of, with **cyclopentenone** deriv.)
IT 86982-76-5 86982-78-7 86982-88-9 92711-61-0 92711-63-2
92711-64-3 92762-27-1 92762-28-2 92762-29-3
RL: RCT (Reactant)
(dehydration of)
IT 86982-91-4P 92711-56-3P 92711-57-4P 92711-58-5P 92711-59-6P
92711-60-9P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and antitumor activity of)
IT 92711-65-4P 92711-66-5P 92711-67-6P 92711-68-7P 92711-69-8P
92711-70-1P 92711-71-2P 92711-72-3P 92711-73-4P 92711-74-5P
92711-75-6P 92711-99-4P 92712-00-0P 92731-71-0P 92762-30-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and dehydration of)
IT 86982-71-0P 86982-78-7P 86982-86-7P 92711-76-7P 92711-77-8P
92711-78-9P 92711-79-0P 92711-80-3P 92711-81-4P 92711-82-5P
92711-83-6P 92711-84-7P 92711-95-0P 92762-31-7P 92762-32-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and deprotection of)
IT 86982-86-7P 92711-85-8P 92711-86-9P 92711-87-0P 92711-88-1P
92711-89-2P 92711-90-5P 92711-91-6P 92711-92-7P 92711-93-8P
92711-94-9P 92711-96-1P 92711-97-2P 92711-98-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
IT **92711-55-2P** 92762-26-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., and antitumor and **cytoprotective** activities of)
IT 92711-62-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., dehydration, and deprotection of)
IT 60220-91-9
RL: RCT (Reactant)
(use of, in synthesis of prostaglandin analogs)

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002

E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1

E CYTOPROTECTIVE

L3 10060 S E1-E8

L4 781 S L3 AND L2

L5 7993 S HEAT SHOCK PROTEINS

L6 10 S L4 AND L5

L7 23791 S NF

L8 8 S L7 AND L4

E CYCLOPENTENONE

L9 4006 S E3

L10 8 S L9 AND L4

L11 8 S L10 NOT L8

L12 3 S L10 NOT L6

=> s l2 and l8

L13 8 L2 AND L8

=> s 12 and 19
L14 188 L2 AND L9

=> s 114 and 13
L15 8 L14 AND L3

=> s 115 not 110
L16 0 L15 NOT L10

=> d 14 700-781

L4 ANSWER 700 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1983:83130 CAPLUS
DN 98:83130
TI **Cytoprotective** effect of cyclic AMP on cultured rabbit gastric cells
AU Matuoka, Koozi; Mitsui, Youji; Murota, Seiitsu
CS Dep. Pharmacol., Tokyo Metropolitan Inst. Gerontol., Tokyo, 173, Japan
SO J. Pharmacobio-Dyn. (1982), 5(11), 911-15
CODEN: JOPHDQ; ISSN: 0386-846X
DT Journal
LA English

L4 ANSWER 701 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1983:47648 CAPLUS
DN 98:47648
TI **Cytoprotection** of canine gastric mucosa by prostacyclin: possible mediation by increased mucosal blood flow
AU Konturek, Stanislaw J.; Robert, Andre
CS Inst. Physiol., Med. Acad., Krakow, 31-531, Pol.
SO Digestion (1982), 25(3), 155-63
CODEN: DIGEBW; ISSN: 0012-2823
DT Journal
LA English

L4 ANSWER 702 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1983:47645 CAPLUS
DN 98:47645
TI Pharmacological properties of ciloprost, a stable prostacyclin analog, on the gastrointestinal tract
AU Vischer, Peter; Casals-Stenzel, Jorge
CS Res. Lab., Schering A.-G., Berlin, Fed. Rep. Ger.
SO Prostaglandins, Leukotrienes Med. (1982), 9(5), 517-29
CODEN: PLMEDD
DT Journal
LA English

L4 ANSWER 703 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1983:27639 CAPLUS
DN 98:27639
TI **Cytoprotective** effects of ranitidine
AU Konturek, S. J.; Kwiecien, N.; Obtulowicz, W.; Oleksy, J.
CS Inst. Physiol., Med. Acad., Krakow, Pol.
SO Med. Publ. Found. Symp. Ser. (1982), (5), 123-8
CODEN: MPFSDF; ISSN: 0260-0242
DT Journal
LA English

L4 ANSWER 704 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1983:12178 CAPLUS
DN 98:12178
TI Reduction by **cytoprotective** agents of ethanol-induced damage to

the rat gastric mucosa: a correlated morphological and physiological study

AU Wallace, John L.; Morris, Gerald P.; Krausse, Elisabeth J.; Greaves, Susan E.

CS Dep. Biol., Queen's Univ., Kingston, ON, K7L 3N6, Can.

SO Can. J. Physiol. Pharmacol. (1982), 60(12), 1686-99

CODEN: CJPPA3; ISSN: 0008-4212

DT Journal

LA English

L4 ANSWER 705 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1983:12130 CAPLUS

DN 98:12130

TI Role of locally generated prostaglandins in adaptive gastric **cytoprotection**

AU Konturek, Stanislaw J.; Brzozowski, Tomasz; Piastucki, Ireneusz; Radecki, Tadeusz; Dembinski, Artur; Dembinska-Kiec, Aldona

CS Inst. Physiol. Pharmacol., Med. Acad., Krakow, Pol.

SO Dig. Dis. Sci. (1982), 27(11), 967-71

CODEN: DDSCDJ; ISSN: 0163-2116

DT Journal

LA English

L4 ANSWER 706 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1983:1006 CAPLUS

DN 98:1006

TI Effects of a dietary prostaglandin precursor on the progression of experimentally induced chronic renal failure

AU Barcelli, Uno O.; Weiss, Mark; Pollak, Victor E.

CS Med. Cent., Univ. Cincinnati, Cincinnati, OH, 45267, USA

SO J. Lab. Clin. Med. (1982), 100(5), 786-97

CODEN: JLCMAK; ISSN: 0022-2143

DT Journal

LA English

L4 ANSWER 707 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1983:967 CAPLUS

DN 98:967

TI The effects of prostaglandins on the secretion resulting from Entamoeba histolytica "enterotoxin"

AU Leitch, Gordon J.; Udezulu, Ifeanyi A.

CS Morehouse Sch. Med., Atlanta Univ., Atlanta, GA, USA

SO Arch. Invest. Med. (1982), 13(Suppl. 3), 105-8

CODEN: AIVMBU; ISSN: 0066-6769

DT Journal

LA English

L4 ANSWER 708 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1982:609343 CAPLUS

DN 97:209343

TI Influence of prostaglandin on actinomycin C-induced degeneration of embryonal neuroectodermal tissue

AU Stachura, Jerzy; Kaluza, Jozef

CS Inst. Pathol., N. Copernicus Med. Acad., Krakow, 31531, Pol.

SO Prostaglandins (1982), 24(3), 433-40

CODEN: PRGLBA; ISSN: 0090-6980

DT Journal

LA English

L4 ANSWER 709 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1982:593728 CAPLUS

DN 97:193728

TI PGI2 prevents ischemia-induced alterations in cardiac catecholamines without influencing nerve stimulation-induced catecholamine release in nonischemic conditions
 AU Schroer, Karsten; Darius, Harald; Addicks, Klaus; Koester, Rolf; Smith, Edward F., III
 CS Pharmakol. Inst., Univ. Koeln, Cologne, Fed. Rep. Ger.
 SO J. Cardiovasc. Pharmacol. (1982), 4(5), 741-8
 CODEN: JCPCDT; ISSN: 0160-2446
 DT Journal
 LA English

L4 ANSWER 710 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:593714 CAPLUS
 DN 97:193714
 TI Prostaglandin prevents alterations in DNA, RNA, and protein in damaged gastric mucosa
 AU Miller, Thomas A.; Gum, Elizabeth T.; Guinn, Edward J.; Henagan, Julia M.
 CS Med. Sch., Univ. Texas, Houston, TX, 77030, USA
 SO Dig. Dis. Sci. (1982), 27(9), 776-81
 CODEN: DDSCDJ; ISSN: 0163-2116
 DT Journal
 LA English

L4 ANSWER 711 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:593709 CAPLUS
 DN 97:193709
 TI Cellular mechanisms of the development of gastric mucosal damage and of gastrocytoprotection induced by prostacyclin in rats. A pharmacological study
 AU Mozsik, G.; Moron, F.; Javor, T.
 CS 1st Dep. Med., Univ. Med. Sch., Pecs, H-7643, Hung.
 SO Prostaglandins, Leukotrienes Med. (1982), 9(1), 71-84
 CODEN: PLMEDD
 DT Journal
 LA English

L4 ANSWER 712 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:593708 CAPLUS
 DN 97:193708
 TI Effect of prostaglandin E2 on aspirin induced lysosomal membrane labilization
 AU Aures, D.; Tallos, J. A.; Gerwer, A. S.; Guth, P. H.
 CS Wadsworth VA Med. Cent., CURE, Los Angeles, CA, 90073, USA
 SO Proc. West. Pharmacol. Soc. (1982), 25, 403-4
 CODEN: PWPSA8; ISSN: 0083-8969
 DT Journal
 LA English

L4 ANSWER 713 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:575842 CAPLUS
 DN 97:175842
 TI Ethanol-induced gastric mucosal damage in rats: prevention by prostacyclin
 AU Moron, F.; Mozsik, G.; Bata, Monika; Lovasz, Lilian; Kutor, G.; Fiegler, Maria; Javor, T.
 CS 1st Dep. Med., Univ. Med. Sch., Pecs, H-7643, Hung.
 SO Acta Med. Acad. Sci. Hung. (1981), 38(4), 365-72
 CODEN: AMASA4; ISSN: 0001-5989
 DT Journal
 LA English

L4 ANSWER 714 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1982:557157 CAPLUS
 DN 97:157157
 TI **Cytoprotection** by PGE2, atropine, pirenzepine and vagotomy in rats
 AU Rovati, V.; Foschi, D.; Ferrante, F.; Del Soldato, P.; Daniotti, S.; Varin, L.
 CS "L. Sacco" Hosp., Univ. Milan, Milan, Italy
 SO Scand. J. Gastroenterol., Suppl. (1982), 17(72), 261-4
 CODEN: SJGSB8; ISSN: 0085-5928
 DT Journal
 LA English

L4 ANSWER 715 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:557141 CAPLUS
 DN 97:157141
 TI Acid inhibition and mucosa protection with 16,16-dimethylprostaglandin E2
 AU Dammann, H. G.; Mueller, P.; Simon, B.
 CS Med. Universitaetsklin. Hamburg, Hamburg, Fed. Rep. Ger.
 SO Therapiewoche (1982), 32(31), 3651-3
 CODEN: THEWA6; ISSN: 0040-5973
 DT Journal
 LA German

L4 ANSWER 716 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:556250 CAPLUS
 DN 97:156250
 TI Gastric **cytoprotection** by pirenzepine. Role of endogenous prostaglandins
 AU Konturek, S. J.; Brzozowski, T.; Radecki, T.; Piastucki, I.
 CS Inst. Physiol., Krakow, 31-531, Pol.
 SO Scand. J. Gastroenterol., Suppl. (1982), 17(72), 255-9
 CODEN: SJGSB8; ISSN: 0085-5928
 DT Journal
 LA English

L4 ANSWER 717 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:539394 CAPLUS
 DN 97:139394
 TI Prostacyclin-mediated gastric **cytoprotection** is dependent on mucosal blood flow
 AU Gaskill, Harold V., III; Sirinek, Kenneth R.; Levine, Barry A.
 CS Dep. Surgery, Audie Murphy VA Hosp., San Antonio, TX, USA
 SO Surgery (St. Louis) (1982), 92(2), 220-5
 CODEN: SURGAZ; ISSN: 0039-6060
 DT Journal
 LA English

L4 ANSWER 718 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:539367 CAPLUS
 DN 97:139367
 TI Microscopic analysis of ethanol damage to rat gastric mucosa after treatment with a prostaglandin
 AU Lacy, Eric R.; Ito, Susumu
 CS Dep. Anat., Harvard Med. Sch., Boston, MA, USA
 SO Gastroenterology (1982), 83(8), 619-25
 CODEN: GASTAB; ISSN: 0016-5085
 DT Journal
 LA English

L4 ANSWER 719 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:521114 CAPLUS
 DN 97:121114

TI The effect of PGF2.alpha. on human oral mucous membrane
AU Turner, Kornelia; Javor, T.
CS Ist Dep. Med., Univ. Med. Sch., Pecs, Hung.
SO Pharmacol. Res. Commun. (1982), 14(6), 511-22
CODEN: PLRCAT; ISSN: 0031-6989
DT Journal
LA English

L4 ANSWER 720 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:521112 CAPLUS
DN 97:121112
TI Prostaglandin actions on the gastrointestinal tract
AU Burks, Thomas F.; Northway, Margaret G.
CS Coll. Med., Univ. Arizona, Tucson, AZ, USA
SO Mod. Pharmacol.-Toxicol. (1982), 21(Prostaglandins: Organ-
Tissue-Specific Actions), 327-38
CODEN: MPTOD5; ISSN: 0098-6925
DT Journal
LA English

L4 ANSWER 721 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:433252 CAPLUS
DN 97:33252
TI Prostaglandin E2 potentiates the protective effect of cimetidine against
stress-induced gastric ulceration
AU Materia, Alberto; Money, Samuel R.; Jaffe, Bernard M.
CS Downstate Med. Cent., State Univ. New York, Brooklyn, NY, 11203, USA
SO J. Surg. Res. (1982), 32(5), 471-6
CODEN: JSGRA2; ISSN: 0022-4804
DT Journal
LA English

L4 ANSWER 722 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:418134 CAPLUS
DN 97:18134
TI 16,16-Dimethyl prostaglandin E2, effect on human gastric potential
difference. Results with ethanol
AU Mueller, P.; Dammann, H. G.; Kessler, R.; Simon, B.
CS Med. Universitaetsklin., Heidelberg, 6900, Fed. Rep. Ger.
SO Arzneim.-Forsch. (1982), 32(4), 469-70
CODEN: ARZNAD; ISSN: 0004-4172
DT Journal
LA German

L4 ANSWER 723 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:402093 CAPLUS
DN 97:2093
TI Effect of increased gastric mucosal histamine on alcohol-induced gastric
damage in rats
AU Aures, Dorothea; Guth, Paul H.; Paulsen, Gary; Grossman, Morton I.
CS Med. Res. Serv., VA Wadsworth Hosp. Cent., Los Angeles, CA, USA
SO Dig. Dis. Sci. (1982), 27(4), 347-52
CODEN: DDSCDJ; ISSN: 0163-2116
DT Journal
LA English

L4 ANSWER 724 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:211531 CAPLUS
DN 96:211531
TI 16,16-Dimethyl-prostaglandin E2 prevents the aspirin- and sodium
taurocholate-induced drop of gastric potential difference in man
AU Mueller, Peter; Fischer, Norbert; Kather, Horst; Simon, Bernd

CS Gastroenterol. Abt., Med. Universitaetsklin. Heidelberg, Heidelberg, 6900,
Fed. Rep. Ger.
SO Int. Congr. Ser. - Excerpta Med. (1981), 555(Stomach Dis.: Curr. Status),
38-44
CODEN: EXMDA4; ISSN: 0531-5131
DT Journal
LA English

L4 ANSWER 725 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:194039 CAPLUS
DN 96:194039
TI **Cytoprotection** of the liver by prostaglandins
AU Tarnawski, Andrzej; Stachura, Jerzy; Szczudrawa, Jerzy; Bigaj, Magdalena;
Mach, Tomasz
CS Dep. Gastroenterol., N. Copernicus Med. Acad., Krakow, Pol.
SO Int. Congr. Ser. - Excerpta Med. (1981), 555(Stomach Dis.: Curr. Status),
55-8
CODEN: EXMDA4; ISSN: 0531-5131
DT Journal
LA English

L4 ANSWER 726 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:174976 CAPLUS
DN 96:174976
TI Generation of endogenous prostaglandins in gastric **cytoprotection**
AU Konturek, Stanislaw J.; Radecki, Tadeusz; Brzozowski, Tomasz; Piastucki,
Ireneusz
CS Inst. Physiol., Med. Acad., Krakow, Pol.
SO Int. Congr. Ser. - Excerpta Med. (1981), 555(Stomach Dis.: Curr. Status),
29-32
CODEN: EXMDA4; ISSN: 0531-5131
DT Journal
LA English

L4 ANSWER 727 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:174783 CAPLUS
DN 96:174783
TI Role of mucosal prostaglandins and DNA synthesis in gastric
cytoprotection by luminal epidermal growth factor
AU Konturek, S. J.; Brzozowski, T.; Piastucki, I.; Dembinski, A.; Radecki,
T.; Dembinska-Kiec, A.; Zmuda, Anna; Gregory, H.
CS Inst. Physiol. Pharm., Acad. Med., Krakow, Pol.
SO Gut (1981), 22(11), 927-32
CODEN: GUTTAK; ISSN: 0017-5749
DT Journal
LA English

L4 ANSWER 728 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:174175 CAPLUS
DN 96:174175
TI Study on the **cytoprotective** properties of pirenzepine, PGE2, and
cimetidine in rats
AU Del Soldato, P.
CS Ist. De Angeli S.p.A., Milan, Italy
SO Boll. Chim. Farm. (1981), 120(11), 631-8
CODEN: BCFAAI; ISSN: 0006-6648
DT Journal
LA Italian

L4 ANSWER 729 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1982:136821 CAPLUS
DN 96:136821

TI Molecular aspects of prostaglandin action in human gastric mucosa
 AU Simon, Bernd; Mueller, Peter; Kather, Horst
 CS Gastroenterol. Abt., Med. Universitaetsklin. Heidelberg, Heidelberg, 6900,
 Fed. Rep. Ger.
 SO Int. Congr. Ser. - Excerpta Med. (1981), 555(Stomach Dis.: Curr. Status),
 22-8
 CODEN: EXMDA4; ISSN: 0531-5131
 DT Journal
 LA English

L4 ANSWER 730 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:136703 CAPLUS
 DN 96:136703
 TI A comparison of the effects of prostacyclin and the 15(S),15-methyl
 analogs of PGE2 and PGF2.alpha. on gastric parietal and nonparietal
 secretion
 AU Shea-Donohue, P. Terez; Nompleggi, Dominic; Myers, Lin; Dubois, Andre
 CS Dep. Med., Uniformed Serv. Univ. Health Sci., Bethesda, MD, 20014, USA
 SO Dig. Dis. Sci. (1982), 27(1), 17-22
 CODEN: DDSCDJ; ISSN: 0163-2116
 DT Journal
 LA English

L4 ANSWER 731 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:136691 CAPLUS
 DN 96:136691
 TI Gastric emptying, prostaglandins, and **cytoprotection**
 AU Dubois, Andre; Shea-Donohue, P. T.; Nompleggi, Dominic
 CS Dep. Med., Uniformed Serv. Univ. Health Sci., Bethesda, MD, USA
 SO Basic Mech. Gastrointest. Mucosal Cell Inj. Prot. (1981), 243-7.
 Editor(s): Harmon, John W. Publisher: Williams & Wilkins, Baltimore, Md.
 CODEN: 46ZZAO
 DT Conference
 LA English

L4 ANSWER 732 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:15548 CAPLUS
 DN 96:15548
 TI Two prostaglandin analogs (16,16-dimethyl prostaglandin E2 and SC-29333)
 and the gastric mucosal barrier: a dose-response study
 AU Jensen, Niels F.; Larsen, Kenneth R.; Davis, E. K.; Jensen, J. C.; Moody,
 Frank G.
 CS Med. Sch., Univ. Utah, Salt Lake City, UT, 84132, USA
 SO Surg. Forum (1981), 32, 124-6
 CODEN: SUFOAX; ISSN: 0071-8041
 DT Journal
 LA English

L4 ANSWER 733 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1982:15547 CAPLUS
 DN 96:15547
 TI **Cytoprotection** by systemic prostaglandins in bile acid-treated
 gastric mucosa: dose dependent and unrelated to secretion of bicarbonate
 AU Cloud, William G.; Ritchie, Wallace P., Jr.
 CS Sch. Med., Univ. Virginia, Charlottesville, VA, USA
 SO Surg. Forum (1981), 32, 121-4
 CODEN: SUFOAX; ISSN: 0071-8041
 DT Journal
 LA English

L4 ANSWER 734 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:615640 CAPLUS

DN 95:215640
 TI Prostaglandin E2 has a **cytoprotective** effect on gastric mucosa in humans
 AU Ruppin, H.; Person, B.; Domschke, W.; Robert, A.
 CS Med. Univ.-Klin., Erlangen, Fed. Rep. Ger.
 SO Verh. Dtsch. Ges. Inn. Med. (1980), 86, 873-5
 CODEN: VDGIA2; ISSN: 0070-4067
 DT Journal
 LA German

L4 ANSWER 735 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:615632 CAPLUS
 DN 95:215632
 TI Simultaneous addition of 16,16-dimethyl-prostaglandin E2 prevents aspirin and bile salt damage to human gastric mucosa
 AU Mueller, P.; Fischer, N.; Dammann, H. G.; Kather, H.; Simon, B.
 CS Gastroenterol. Abt., Med. Universitaetsklin. Heidelberg, Heidelberg, Fed. Rep. Ger.
 SO Z. Gastroenterol. (1981), 19(8), 373-6
 CODEN: ZGASAX; ISSN: 0044-2771
 DT Journal
 LA English

L4 ANSWER 736 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:615545 CAPLUS
 DN 95:215545
 TI Effect of prostaglandin E2, cimetidine and geranyl-geranyl-acetone on rat gastric mucosal damage
 AU Terano, Akira; Matsumoto, Kazunori; Motoki, Tatsuya; Murao, Satoru; Kamii, Kazuo
 CS Fac. Med., Univ. Tokyo, Tokyo, Japan
 SO Nippon Shokakibyō Gakkai Zasshi (1981), 78(8), 1577-84
 CODEN: NIPAA4; ISSN: 0369-4259
 DT Journal
 LA Japanese

L4 ANSWER 737 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:582096 CAPLUS
 DN 95:182096
 TI Sulfhydryl compounds may mediate gastric **cytoprotection**
 AU Szabo, Sandor; Trier, Jerry S.; Frankel, Paul W.
 CS Dep. Pathol., Harvard Med. Sch., Boston, MA, 02115, USA
 SO Science (Washington, D. C., 1883-) (1981), 214(4517), 200-2
 CODEN: SCIEAS; ISSN: 0036-8075
 DT Journal
 LA English

L4 ANSWER 738 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:562820 CAPLUS
 DN 95:162820
 TI Gastric **cytoprotection** in man by prostaglandin E2
 AU Ruppin, H.; Person, B.; Robert, A.; Domschke, W.
 CS Dep. Med., Univ. Erlangen-Nuernberg, Erlangen, Fed. Rep. Ger.
 SO Scand. J. Gastroenterol. (1981), 16(5), 647-52
 CODEN: SJGRA4; ISSN: 0036-5521
 DT Journal
 LA English

L4 ANSWER 739 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:562722 CAPLUS
 DN 95:162722
 TI Protection of the rat gastric mucosa by prostaglandin E2: possible

relation to stimulation of the alkaline secretion
AU Kollberg, B.; Aly, A.; Johansson, C.
CS Dep. Med., Karolinska Hosp., Stockholm, S-104 01, Swed.
SO Acta Physiol. Scand. (1981), 113(2), 189-92
CODEN: APSCAX; ISSN: 0001-6772
DT Journal
LA English

L4 ANSWER 740 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:544490 CAPLUS
DN 95:144490
TI The **cytoprotective** effect of 16,16-dimethylprostaglandin E2 on
bile salt induced damage to the human stomach
AU Mueller, P.; Fischer, N.; Damann, H. G.; Kather, H.; Simon, B.
CS Abt. Gastroenterol., Med. Universitaetsklin. Heidelberg, Heidelberg, 6900,
Fed. Rep. Ger.
SO Br. J. Clin. Pharmacol. (1981), 12(2), 253-4
CODEN: BCPHBM; ISSN: 0306-5251
DT Journal
LA English

L4 ANSWER 741 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:544410 CAPLUS
DN 95:144410
TI Effect of 16,16-dimethyl prostaglandin E2 on gastric mucus gel thickness
AU Bickel, Martin
CS Dep. Pharmacol., Hoechst A.-G., Frankfurt, 6230/80, Fed. Rep. Ger.
SO Prostaglandins (1981), 21(Suppl.), 63-5
CODEN: PRGLBA; ISSN: 0090-6980
DT Journal
LA English

L4 ANSWER 742 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:526499 CAPLUS
DN 95:126499
TI Gastric **cytoprotection** by epidermal growth factor. Role of
endogenous prostaglandins and DNA synthesis
AU Konturek, Stanislaw J.; Radecki, Tadeusz; Brzozowski, Tomasz; Piastucki,
Ireneusz; Dembinski, Artur; Dembinska-Kiec, Aldona; Zmuda, Anna;
Gryglewski, Ryszard; Gregory, Harry
CS Inst. Physiol., Acad. Med., Krakow, Pol.
SO Gastroenterology (1981), 81(3), 438-43
CODEN: GASTAB; ISSN: 0016-5085
DT Journal
LA English

L4 ANSWER 743 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:526179 CAPLUS
DN 95:126179
TI The **cytoprotective** effects of (+-)-15-deoxy-16-.alpha.,.beta.-
hydroxy-16-methyl PGE1 methyl ester (SC-29333) versus aspirin-shock
gastric ulcerogenesis in the dog
AU Larsen, Kenneth R.; Jensen, Niels F.; Davis, E. K.; Jensen, J. C.; Moody,
Frank G.
CS Sch. Med., Univ. Utah, Salt Lake City, UT, 84132, USA
SO Prostaglandins (1981), 21(Suppl.), 119-24
CODEN: PRGLBA; ISSN: 0090-6980
DT Journal
LA English

L4 ANSWER 744 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:509181 CAPLUS

DN 95:109181
 TI Effect of various prostaglandin analogs on indomethacin-stimulated gastric ulcer
 AU Balint, Gabor; Varro, Vince
 CS Belgyogyszati Klin, Szegedi Orvostud. Egy., Szeged, Hung.
 SO Kiserl. Orvostud. (1981), 33(3), 296-8
 CODEN: KIORAH; ISSN: 0023-1878
 DT Journal
 LA Hungarian

L4 ANSWER 745 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:508967 CAPLUS
 DN 95:108967
 TI Interaction of prostacyclin and the protein synthesis-inhibitory compounds on experimental gastric ulcers in rats
 AU Balint, Gabor A.; Varro, Vince
 CS Belgyogyszati Klin., Szegedi Orvostud. Egy., Szeged, Hung.
 SO Kiserl. Orvostud. (1981), 33(3), 325-8
 CODEN: KIORAH; ISSN: 0023-1878
 DT Journal
 LA Hungarian

L4 ANSWER 746 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:491245 CAPLUS
 DN 95:91245
 TI Is cyclic AMP the mediator of **cytoprotection** by prostaglandins in human gastric mucosa?
 AU Simon, Bernd; Kather, Horst; Kommerell, Burkhard
 CS Med. Universitaetsklin. Heidelberg, Heidelberg, 6900, Fed. Rep. Ger.
 SO Adv. Physiol. Sci., Proc. Int. Congr., 28th (1981), Meeting Date 1980, Volume 29, Issue Gastrointest. Def. Mech., 193-209. Editor(s): Mozsik, Gy.; Hanninen, O.; Javor, T. Publisher: Akad. Kiado, Budapest, Hung.
 CODEN: 45TGAW
 DT Conference
 LA English

L4 ANSWER 747 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:455327 CAPLUS
 DN 95:55327
 TI The effect of prostaglandins on isolated rat gastric cells
 AU Mueller-Lissner, S. A.; Fimmel, C.; Sonnenberg, A.; Peskar, B.; Fischer, J. A.; Blum, A. L.
 CS Med. Dep., Triemli Hosp., Zurich, CH-8063, Switz.
 SO Scand. J. Gastroenterol., Suppl. (1981), 16(67), 229-32
 CODEN: SJGSB8; ISSN: 0085-5928
 DT Journal
 LA English

L4 ANSWER 748 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:436216 CAPLUS
 DN 95:36216
 TI 2a,2b-Dihomo-15-alkyl-PGF1.beta. compounds
 IN Youngdale, Gilbert A.
 PA Upjohn Co., USA
 SO U.S., 3 pp. Cont.-in-part of U.S. Ser. No. 3,152, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 4256651	A	19810317	US 1979-74695	19790912

PRAI US 1974-551220 19741010
US 1976-663362 19760303
US 1978-884431 19780308
US 1979-3152 19790115

L4 ANSWER 749 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:436126 CAPLUS

DN 95:36126

TI Biochemical aspects of **cytoprotective** effect of prostacyclin on rat gastric mucosal damage induced by topical hydrochloric acid

AU Fiegler, M.; Bata, M.; Lovasz, L.; Kutor, G.; Mozsik, G.

CS Med. Sch., Univ. Pecs, Pecs, H-7643, Hung.

SO Adv. Physiol. Sci., Proc. Int. Congr., 28th (1981), Meeting Date 1980, Volume 29, Issue Gastrointest. Def. Mech., 277-88. Editor(s): Mozsik, Gy.; Hanninen, O.; Javor, T. Publisher: Akad. Kiado, Budapest, Hung.
CODEN: 45TGAW

DT Conference

LA English

L4 ANSWER 750 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:436124 CAPLUS

DN 95:36124

TI Gastric mucosal resistance to physical and chemical stress

AU Javor, T.; Bata, M.; Kutor, G.; Lovasz, L.; Mozes, G.; Tarnok, F.

CS Med. Sch., Univ. Pecs, Pecs, H-7643, Hung.

SO Adv. Physiol. Sci., Proc. Int. Congr., 28th (1981), Meeting Date 1980, Volume 29, Issue Gastrointest. Def. Mech., 141-59. Editor(s): Mozsik, Gy.; Hanninen, O.; Javor, T. Publisher: Akad. Kiado, Budapest, Hung.
CODEN: 45TGAW

DT Conference

LA English

L4 ANSWER 751 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:400965 CAPLUS

DN 95:965

TI Histochemistry of **cytoprotection** of the rat liver

AU Stachura, J.; Tarnawski, A.; Szczudrawa, J.; Mach, T.; Bogdal, J.; Kirchmayer, S.

CS Inst. Pathol., Copernicus Med. Acad., Krakow, Pol.

SO Folia Histochem. Cytochem. (1980), 18(3), 225-6

CODEN: FHCYAI; ISSN: 0015-5586

DT Journal

LA English

L4 ANSWER 752 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:400964 CAPLUS

DN 95:964

TI **Cytoprotective** effect of 16,16' dimethyl prostaglandin E2 and some drugs on an acute galactosamine induced liver damage in rat

AU Stachura, J.; Tarnawski, A.; Szczudrawa, J.; Bogdal, J.; Mach, T.; Klimczyk, Barbara; Kirchmayer, S.

CS Inst. Pathol., N. Copernicus Med. Acad., Kracow, Pol.

SO Folia Histochem. Cytochem. (1980), 18(4), 311-17, 8 plates

CODEN: FHCYAI; ISSN: 0015-5586

DT Journal

LA English

L4 ANSWER 753 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:400654 CAPLUS

DN 95:654

TI Effect of carbenoxolone on prostaglandin synthesizing and metabolizing enzymes and correlation with gastric mucosal carbenoxolone concentrations

AU Peskar, B. M.
 CS Med. Klin., Univ. Freiburg, Freiburg, Fed. Rep. Ger.
 SO Scand. J. Gastroenterol., Suppl. (1980), 15(65), 109-14
 CODEN: SJGSB8; ISSN: 0085-5928
 DT Journal
 LA English

L4 ANSWER 754 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:185674 CAPLUS
 DN 94:185674
 TI Prevention of aspirin-induced drop in gastric potential difference with
 16,16-dimethyl-prostaglandin E2
 AU Mueller, Peter; Fischer, Norbert; Kather, Horst; Simon, Bernd
 CS Gastroenterol. Dep., Med. Univ. Clin., Heidelberg, 6900, Fed. Rep. Ger.
 SO Lancet (1981), 1(8215), 333-4
 CODEN: LANCAO; ISSN: 0023-7507
 DT Journal
 LA English

L4 ANSWER 755 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:185574 CAPLUS
 DN 94:185574
 TI Experimental studies on gastric **cytoprotection** by
 prostaglandins, antiseecretory agents and epidermal growth factor
 AU Konturek, S. J.; Radecki, T.; Brzozowski, T.; Piastucki, I.;
 Dembinska-Kiec, A.; Zmuda, A.
 CS Inst. Physiol., Med. Acad., Krakow, Pol.
 SO Int. Congr. Ser. - Excerpta Med. (1980), 537(Adv. Ulcer Dis.), 78-86
 CODEN: EXMDA4; ISSN: 0531-5131
 DT Journal
 LA English

L4 ANSWER 756 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:167933 CAPLUS
 DN 94:167933
 TI Gastric **cytoprotection** by prostaglandins, ranitidine, and
 probanthine in rats. Role of endogenous prostaglandins
 AU Konturek, S. J.; Radecki, T.; Brzozowski, T.; Piastucki, I.;
 Dembinska-Kiec, A.; Zmuda, A.
 CS Inst. Physiol., Med. Acad., Krakow, Pol.
 SO Scand. J. Gastroenterol. (1981), 16(1), 7-12
 CODEN: SJGRA4; ISSN: 0036-5521
 DT Journal
 LA English

L4 ANSWER 757 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:114795 CAPLUS
 DN 94:114795
 TI Human gastric mucosal adenylate cyclase activity: effects of various
cytoprotective prostaglandins
 AU Simon, Bernd; Kather, Horst
 CS Gastroenterol. Abt., Med. Universitaetsklin., Heidelberg, Fed. Rep. Ger.
 SO Eur. J. Clin. Invest. (1980), 10(6), 481-5
 CODEN: EJCIB8; ISSN: 0014-2972
 DT Journal
 LA English

L4 ANSWER 758 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1981:114462 CAPLUS
 DN 94:114462
 TI Prevention of sepsis-induced gastric lesions in dogs by cimetidine via
 inhibition of gastric secretion and by prostaglandin via

cytoprotection

- AU Odonkor, P.; Mowat, C.; Himel, H. S.
CS R. Victoria Hosp., McGill Univ., Montreal, PQ, Can.
SO Gastroenterology (1981), 80(2), 375-9
CODEN: GASTAB; ISSN: 0016-5085
DT Journal
LA English
- L4 ANSWER 759 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:58760 CAPLUS
DN 94:58760
TI Protective action of 6-keto-prostaglandin E1 in traumatic shock
AU Araki, Haruo; Lefer, Allan M.
CS Jefferson Med. Coll., Thomas Jefferson Univ., Philadelphia, PA, 19107, USA
SO Prostaglandins Med. (1979), 2(4), 277-84
CODEN: PROMDL; ISSN: 0161-4630
DT Journal
LA English
- L4 ANSWER 760 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:58734 CAPLUS
DN 94:58734
TI PGE1 protects gastric mucosal blood flow during hypovolemic shock
AU Gaskill, Harold V.; Sirinek, Kenneth R.; Levine, Barry A.
CS Dep. Surg., VA Hosp., San Antonio, TX, USA
SO Surg. Forum (1980), 31, 123-4
CODEN: SUFOAX; ISSN: 0071-8041
DT Journal
LA English
- L4 ANSWER 761 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:44621 CAPLUS
DN 94:44621
TI Prostaglandins in human milk
AU Reid, Barbara; Smith, Harilyn; Friedman, Zvi
CS Dep. Pediatr., Baylor Coll. Med., Houston, TX, 77030, USA
SO Pediatrics (1980), 66(6), 870-2
CODEN: PEDIAU; ISSN: 0031-4005
DT Journal
LA English
- L4 ANSWER 762 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:41419 CAPLUS
DN 94:41419
TI Prevention by mild irritants of gastric necrosis produced in rats by sodium taurocholate
AU Chaudhury, Tarun K.; Robert, Andre
CS Dep. Exp. Biol., Upjohn Co., Kalamazoo, MI, 49001, USA
SO Dig. Dis. Sci. (1980), 25(11), 830-6
CODEN: DDSCDJ; ISSN: 0163-2116
DT Journal
LA English
- L4 ANSWER 763 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1981:25562 CAPLUS
DN 94:25562
TI Effects of cimetidine, atropine and prostaglandin E2 on rat mucosal erosions produced by intragastric distension
AU Marti-Bonmati, Ezequiel; Alino, Salvador F.; Lloris, Jose M.; Esplugues, Juan
CS Fac. Med., Univ. Valencia, Valencia, Spain
SO Eur. J. Pharmacol. (1980), 68(1), 49-53

CODEN: EJPHAZ; ISSN: 0014-2999

DT Journal
LA English

L4 ANSWER 764 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1981:11242 CAPLUS

DN 94:11242

TI The role of mucus glycoproteins in prostaglandin **cytoprotection**

AU Odonkor, P.; Mowat, C.; Himal, H. S.

CS Dep. Surg., R. Victoria Hosp., Montreal, PQ, Can.

SO Am. J. Gastroenterol. (1980), 73(6), 496-9

CODEN: AJGAAR; ISSN: 0002-9270

DT Journal

LA English

L4 ANSWER 765 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1980:579925 CAPLUS

DN 93:179925

TI Alteration of postischemic renal pathology by prostaglandin infusion

AU Casey, Kenneth F.; Machiedo, George W.; Lyons, Michael J.; Slotman, Gus J.; Novak, Roseanne T.

CS Coll. Med. Dent., New Jersey Med. Sch., Newark, NJ, 07103, USA

SO J. Surg. Res. (1980), 29(1), 1-10

CODEN: JSGRA2; ISSN: 0022-4804

DT Journal

LA English

L4 ANSWER 766 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1980:462026 CAPLUS

DN 93:62026

TI Effect of 16,16-dimethyl prostaglandin E2 on ulceration of isolated amphibian gastric mucosa

AU Barzilai, Ami; Schiessel, Rudolf; Kivilaakso, Eero; Matthews, Jeffrey B.; Fleischer, Lisa A.; Bartzokis, George; Silen, William

CS Harvard Med. Sch., Beth Israel Hosp., Boston, MA, 02215, USA

SO Gastroenterology (1980), 78(6), 1508-12

CODEN: GASTAB; ISSN: 0016-5085

DT Journal

LA English

L4 ANSWER 767 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1980:212760 CAPLUS

DN 92:212760

TI PGE2 stimulates gastric chloride transport: possible key to **cytoprotection**

AU Schiessel, Rudolf; Matthews, Jeffrey; Barzilai, Ami; Merhav, Aryeh; Silen, William

CS Dep. Surg., Beth Israel Hosp., Boston, MA, 02215, USA

SO Nature (London) (1980), 283(5748), 671-3

CODEN: NATUAS; ISSN: 0028-0836

DT Journal

LA English

L4 ANSWER 768 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1980:174971 CAPLUS

DN 92:174971

TI Protective effects of PGE2 on diet-induced acute pancreatitis in mice

AU Manabe, Tadao; Steer, Michael L.

CS Dep. Surg., Beth Israel Hosp., Boston, MA, USA

SO Gastroenterology (1980), 78(4), 777-81

CODEN: GASTAB; ISSN: 0016-5085

DT Journal

LA English

L4 ANSWER 769 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1980:122181 CAPLUS
 DN 92:122181
 TI **Cytoprotective** actions of prostacyclin during hypoxia in the isolated perfused cat liver
 AU Araki, Haruo; Lefer, Allan M.
 CS Jefferson Med. Coll., Thomas Jefferson Univ., Philadelphia, PA, 19107, USA
 SO Am. J. Physiol. (1980), 238(2), H176-H181
 CODEN: AJPHAP; ISSN: 0002-9513
 DT Journal
 LA English

L4 ANSWER 770 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1980:34666 CAPLUS
 DN 92:34666
 TI Mode of action of prostacyclin in human gastric mucosa
 AU Simon, Bernd; Kather, Horst
 CS Gastroenterol. Abt., Med. Universitaetsklin. Heidelberg, Heidelberg, 6900, Fed. Rep. Ger.
 SO Dig. Dis. Sci. (1979), 24(10), 811-12
 CODEN: DDSCDJ; ISSN: 0163-2116
 DT Journal
 LA English

L4 ANSWER 771 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1980:34598 CAPLUS
 DN 92:34598
 TI Mechanism of **cytoprotective** effects of PGE2
 AU Wahi, Rakesh; Guttman, Frank Myron; Mitmaker, Benjamin
 CS Dep. Surg., Sir M. B. Davis Jewish Gen. Hosp., Montreal, PQ, Can.
 SO Surg. Forum (1979), 30, 332-4
 CODEN: SUFOAX; ISSN: 0071-8041
 DT Journal
 LA English

L4 ANSWER 772 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1980:16214 CAPLUS
 DN 92:16214
 TI **Cytoprotective** effects of prostaglandin E2 on the gastric mucosa in humans
 AU Ruppin, H.; Person, B.; Domschke, W.; Robert, A.
 CS Med. Klin. Poliklin., Univ. Erlangen, Erlangen, Fed. Rep. Ger.
 SO Dtsch. Med. Wochenschr. (1979), 104(41), 1457-8
 CODEN: DMWOAX; ISSN: 0012-0472
 DT Journal
 LA German

L4 ANSWER 773 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1980:15627 CAPLUS
 DN 92:15627
 TI Prostaglandin **cytoprotection** does not involve interference with aspirin absorption
 AU Guth, Paul H.; Paulsen, Gary
 CS Med. Res. Serv., VA Wadsworth Med. Cent., Los Angeles, CA, 90073, USA
 SO Proc. Soc. Exp. Biol. Med. (1979), 162(1), 128-30
 CODEN: PSEBAA; ISSN: 0037-9727
 DT Journal
 LA English

L4 ANSWER 774 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1979:568922 CAPLUS
 DN 91:168922
 TI **Cytoprotection** by prostaglandins in rats. Prevention of gastric necrosis produced by alcohol, hydrochloric acid, sodium hydroxide, hypertonic sodium chloride and thermal injury
 AU Robert, Andre; Nezamis, James E.; Lancaster, Cleo; Hanchar, Alexander J.
 CS Dep. Exp. Biol., Upjohn Co., Kalamazoo, MI, USA
 SO Gastroenterology (1979), 77(3), 433-43
 CODEN: GASTAB; ISSN: 0016-5085
 DT Journal
 LA English

L4 ANSWER 775 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:502463 CAPLUS
 DN 91:102463
 TI Protection by histamine receptor antagonists and prostaglandin against gastric mucosal barrier disruption in the rat
 AU Bommelaer, G.; Guth, P. H.
 CS Med. Res. Serv., VA Wadsworth Med. Cent., Los Angeles, CA, USA
 SO Gastroenterology (1979), 77(2), 303-8
 CODEN: GASTAB; ISSN: 0016-5085
 DT Journal
 LA English

L4 ANSWER 776 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:450020 CAPLUS
 DN 91:50020
 TI Gastric juice prostaglandins: the effects of exogenous prostaglandin and inhibition of endogenous prostaglandin synthesis
 AU Baker, R.; Jaffe, B. M.; Reed, J. D.; Shaw, B.; Venables, C. W.
 CS Dep. Surg., Univ. Newcastle upon Tyne, Newcastle upon Tyne, Engl.
 SO IRCS Med. Sci.: Libr. Compend. (1979), 7(4), 195
 CODEN: IRLCDZ; ISSN: 0305-6651
 DT Journal
 LA English

L4 ANSWER 777 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:198146 CAPLUS
 DN 90:198146
 TI Mucosal **cytoprotection** by prostaglandin E2
 AU Cohen, M. M.
 CS Dep. Surg., Univ. British Columbia, Vancouver, B. C., Can.
 SO Lancet (1978), 2(8102), 1253-4
 CODEN: LANCAO; ISSN: 0023-7507
 DT Journal
 LA English

L4 ANSWER 778 OF 781 CAPLUS COPYRIGHT 2002 ACS
 AN 1979:162417 CAPLUS
 DN 90:162417
 TI Stimulation of alkaline secretion in amphibian-isolated gastric mucosa by 16,16-dimethyl PGE2 and PGF2.alpha.. A proposed explanation for some of the **cytoprotective** actions of prostaglandins
 AU Garner, A.; Heylings, J. R.
 CS Pharmacol. Dep., Imperial Chem. Ind. Ltd., Alderley Park/Macclesfield/Cheshire, Engl.
 SO Gastroenterology (1979), 76(3), 497-503
 CODEN: GASTAB; ISSN: 0016-5085
 DT Journal
 LA English

L4 ANSWER 779 OF 781 CAPLUS COPYRIGHT 2002 ACS

AN 1979:135463 CAPLUS
DN 90:135463
TI Regional distribution of prostaglandin-metabolizing enzymes in mucous
membranes of the upper gastrointestinal tract in humans
AU Peskar, B. M.; Gerok, W.
CS Med. Klin., Freiburg/Br., Ger.
SO Verh. Dtsch. Ges. Inn. Med. (1978), 84, 1009-11
CODEN: VDGIA2; ISSN: 0070-4067
DT Journal
LA German

L4 ANSWER 780 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1979:67070 CAPLUS
DN 90:67070
TI Intestinal lesions produced by prednisolone: prevention (
cytoprotection) by 16,16-dimethyl prostaglandin E2
AU Lancaster, Cleo; Robert, Andre
CS Dep. Exp. Biol., Upjohn Co., Kalamazoo, Mich., USA
SO Am. J. Physiol. (1978), 235(6), E703-E708
CODEN: AJPHAP; ISSN: 0002-9513
DT Journal
LA English

L4 ANSWER 781 OF 781 CAPLUS COPYRIGHT 2002 ACS
AN 1978:58678 CAPLUS
DN 88:58678
TI Prostaglandin **cytoprotection** of gastric mucosa
AU Chaudhury, Tarun K.; Jacobson, Eugene D.
CS Dep. Physiol., Univ. Texas Med. Sch., Houston, Tex., USA
SO Gastroenterology (1978), 74(1), 58-63
CODEN: GASTAB
DT Journal
LA English

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002
E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1
E CYTOPROTECTIVE
L3 10060 S E1-E8
L4 781 S L3 AND L2
L5 7993 S HEAT SHOCK PROTEINS
L6 10 S L4 AND L5
L7 23791 S NF
L8 8 S L7 AND L4
E CYCLOPENTENONE
L9 4006 S E3
L10 8 S L9 AND L4
L11 8 S L10 NOT L8
L12 3 S L10 NOT L6
L13 8 S L2 AND L8
L14 188 S L2 AND L9
L15 8 S L14 AND L3
L16 0 S L15 NOT L10

=> s 114 not 14
L17 180 L14 NOT L4

=> d 117 140-180

L17 ANSWER 140 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1979:148209 CAPLUS

DN 90:148209

TI Aureobasidium pullulans metabolism of prostaglandins of the A-type

AU Leovey, Elizabeth M. K.; Andersen, Niels H.; Bissonette, Pamela

CS Dep. Chem., Univ. Washington, Seattle, Wash., USA

SO Prostaglandins (1979), 17(1), 19-37

CODEN: PRGLBA; ISSN: 0090-6980

DT Journal

LA English

L17 ANSWER 141 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1978:546461 CAPLUS

DN 89:146461

TI Prostaglandins and congeners. 19. Vinylstannanes: useful organometallic reagents for the synthesis of prostaglandins and prostaglandin intermediates

AU Chen, Sow-Mei L.; Schaub, Robert E.; Grudzinskas, Charles V.

CS Lederle Lab., American Cyanamid Co., Pearl River, N. Y., USA

SO J. Org. Chem. (1978), 43(18), 3450-4

CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

LA English

L17 ANSWER 142 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1977:600852 CAPLUS

DN 87:200852

TI Synthesis and biological activity of some PGE1 carbinols

AU Kluender, Harold C.; Peruzzotti, G. P.

CS Nat. Prod. Lab., Miles Lab. Inc., Madison, Wis., USA

SO Tetrahedron Lett. (1977), (24), 2063-6

CODEN: TELEAY

DT Journal

LA English

L17 ANSWER 143 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1977:600849 CAPLUS

DN 87:200849

TI Prostaglandin chemistry-VIII. Synthesis of optically active 7-oxoprostaglandins

AU Tanaka, Toshio; Kurozumi, Seizi; Toru, Takeshi; Kobayashi, Makiko; Miura, Shuji; Ishimoto, Sachio

CS Teijin Inst. Biomed. Res., Tokyo, Japan

SO Tetrahedron (1977), 33(10), 1105-12

CODEN: TETRAB

DT Journal

LA English

L17 ANSWER 144 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1977:578104 CAPLUS

DN 87:178104

TI Prostaglandins and congeners. 16. Synthesis and bronchodilator activity of dl-11-deoxy-3-thiaprostaglandins

AU Skotnicki, Jerould S.; Schaub, Robert E.; Weiss, Martin J.; Dessy, Franz

CS Lederle Lab., Am. Cyanamid Co., Pearl River, N. Y., USA

SO J. Med. Chem. (1977), 20(12), 1662-5

CODEN: JMCMAR

DT Journal
LA English

L17 ANSWER 145 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1977:533941 CAPLUS
DN 87:133941
TI Asymmetric total syntheses of (-)-prostaglandin E1, E2 and
(+)-prostaglandin F2.alpha.. Syntheses of .alpha.-alkylcyclopentenones
from carbohydrates. Michael addition of .beta.-chain to
(+)-cyclopentenones and (-)-.alpha.,.beta.-unsaturated-.gamma.-lactone.
Chiral synthesis of prostaglandins from carbohydrate
AU Takahashi, Takashi
CS Columbia Univ., New York, N. Y., USA
SO (1976) 295 pp. Avail.: Xerox Univ. Microfilms, Ann Arbor, Mich., Order
No. 77-8271
From: Diss. Abstr. Int. B 1977, 37(10), 5096
DT Dissertation
LA English

L17 ANSWER 146 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1977:463008 CAPLUS
DN 87:63008
TI Prostaglandins and congeners. 14. Synthesis and bronchodilator activity
of dl-16,16-trimethyleneprostaglandins
AU Skotnicki, Jerauld S.; Schaub, Robert E.; Weiss, Martin J.; Dessy, F.
CS Lederle Lab., Am. Cyanamid Co., Pearl River, N. Y., USA
SO J. Med. Chem. (1977), 20(8), 1042-7
CODEN: JMCMAR
DT Journal
LA English

L17 ANSWER 147 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1977:452837 CAPLUS
DN 87:52837
TI Prostaglandin chemistry. XII. Synthesis of E-type 7-thiaprostaglandins
AU Kurozumi, Seizi; Toru, Takeshi; Kobayashi, Makiko; Hashimoto, Yoshinobu
CS Teijin Inst. Biomed. Res., Tokyo, Japan
SO Chem. Lett. (1977), (4), 331-4
CODEN: CMLTAG
DT Journal
LA English

L17 ANSWER 148 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1977:422543 CAPLUS
DN 87:22543
TI 3-Triphenylmethoxy-1-alkynes, 3-triphenylmethoxy-1-trans-
alkenyldialkylalanes, and lithium 3-triphenylmethoxy-1-trans-
alkenyldialkylalanates
IN Bernady, Karel Francis; Floyd, Middleton Brawner, Jr.; Poletto, John
Frank; Schaub, Robert Eugene; Weiss, Martin Joseph
PA American Cyanamid Co., USA
SO U.S., 99 pp. Division of U.S. 3,932,479.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 4007210	A	19770208	US 1975-613776	19750918
	US 3932479	A	19760113	US 1973-355350	19730427
PRAI	US 1973-355350		19730427		

L17 ANSWER 149 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1977:170908 CAPLUS
 DN 86:170908
 TI Prostaglandins. Part 4. Synthesis of (.-)-11-deoxyprostaglandins from
 2-(.-hydroxyheptyl)cyclopent-2-enones
 AU Burton, Trevor S.; Caton, Michael P. L.; Coffee, Edward C. J.; Parker,
 Trevor; Stuttle, Keith A. J.; Watkins, G. Leonard
 CS Res. Lab., May and Baker Ltd., Dagenham, Engl.
 SO J. Chem. Soc., Perkin Trans. 1 (1976), (23), 2550-6
 CODEN: JCPRB4
 DT Journal
 LA English

L17 ANSWER 150 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1977:139452 CAPLUS
 DN 86:139452
 TI Chiral synthesis of prostaglandins (PGE1) from D-glyceraldehyde
 AU Stork, Gilbert; Takahashi, Takashi
 CS Dep. Chem., Columbia Univ., New York, N. Y., USA
 SO J. Am. Chem. Soc. (1977), 99(4), 1275-6
 CODEN: JACSAT
 DT Journal
 LA English

L17 ANSWER 151 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1977:106050 CAPLUS
 DN 86:106050
 TI 2-(6'-Carbomethoxyhexyl)-2-cyclopenten-1-one
 PA Wisconsin Alumni Research Foundation, USA
 SO Ger. Offen., 13 pp. Division of Ger. Offen. 2,303,612.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2365927	A1	19761209	DE 1973-2365927	19730125
	US 4031129	A	19770621	US 1972-221058	19720126
	AU 7351081	A1	19740718	AU 1973-51081	19730115
	CA 1014092	A1	19770719	CA 1973-161270	19730115
	IL 49285	A1	19771031	IL 1973-49285	19730117
	IL 49286	A1	19771031	IL 1973-49286	19730117
	IL 41305	A1	19771031	IL 1973-41305	19730117
	ZA 7300532	A	19731128	ZA 1973-532	19730124
	GB 1419181	A	19751224	GB 1973-3660	19730124
	GB 1419182	A	19751224	GB 1974-47538	19730124
	GB 1419183	A	19751224	GB 1974-47539	19730124
	BE 794516	A1	19730516	BE 1973-126869	19730125
	NL 7301094	A	19730730	NL 1973-1094	19730125
	JP 48081836	A2	19731101	JP 1973-9996	19730125
	JP 53033583	B4	19780914		
	FR 2181693	A1	19731207	FR 1973-2607	19730125
	FR 2181693	B1	19790112		
	DD 108069	C	19740912	DD 1973-168453	19730125
	DD 112750	C	19750512	DD 1973-179628	19730125
	DD 113214	C	19750520	DD 1973-179629	19730125
	HU 167403	P	19750927	HU 1973-WI244	19730125
	HU 167402	P	19750927	HU 1973-WI226	19730125
	CH 578502	A	19760813	CH 1976-2702	19730125
	CH 580046	A	19760930	CH 1976-2703	19730125
	PL 90986	P	19770228	PL 1973-170434	19730125
	ES 410962	A1	19770401	ES 1973-410962	19730125

HU 170239	P	19770428	HU 1973-WI262	19730125
CH 590834	A	19770831	CH 1973-1055	19730125
PL 99492	P	19780731	PL 1973-170435	19730125
RO 65991	P	19800215	RO 1973-73607	19730125
RO 70375	P	19800615	RO 1973-91054	19730125
RO 71588	P	19820226	RO 1973-91055	19730125
SU 589905	D	19780125	SU 1974-2018981	19740419
FR 2257567	A1	19750808	FR 1975-1567	19750117
FR 2272642	A1	19751226	FR 1975-1566	19750117
FR 2272642	B1	19810807		
ES 438595	A1	19770616	ES 1975-438595	19750616
ES 438594	A1	19771016	ES 1975-438594	19750616
CA 1021790	A2	19771129	CA 1975-233089	19750808
SE 7600890	A	19760128	SE 1976-890	19760128
SE 7600889	A	19760128	SE 1976-889	19760128
SE 7600888	A	19760128	SE 1976-888	19760128
JP 52053840	A2	19770430	JP 1976-120458	19761008
JP 52053801	A2	19770430	JP 1976-120459	19761008
US 4088536	A	19780509	US 1977-772019	19770225
US 4142056	A	19790227	US 1977-772018	19770225
NL 7708070	A	19771031	NL 1977-8070	19770720
FI 7801839	A	19780608	FI 1978-1839	19780608
PRAI US 1972-221058		19720126		
US 1972-255728		19720522		
US 1972-293442		19720929		
CA 1973-161270		19730115		
FI 1973-181		19730123		

L17 ANSWER 152 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1977:55015 CAPLUS

DN 86:55015

TI Cyclopentanones. XVII: Prostaglandin synthesis involving the lithium-liquid ammonia reduction of 3-alkyl-4-hydroxy-2-(1'-octynyl)-2-cyclopentenones

AU De Clercq, P.; De Smet, M.; Legein, K.; Vanhulle, F.; Vandewalle, M.

CS Dep. Org. Chem., State univ. Ghent, Ghent, Belg.

SO Bull. Soc. Chim. Belg. (1976), 85(7), 503-22

CODEN: BSCBAG

DT Journal

LA English

L17 ANSWER 153 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1976:523425 CAPLUS

DN 85:123425

TI 15-Substituted prostanoic acids and esters

IN Schaub, Robert E.; Weiss, Martin Joseph

PA American Cyanamid Co., USA

SO U.S., 17 pp. Division of U.S. 3,835,179.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3932472	A	19760113	US 1974-468795	19740509
	US 3835179	A	19740910	US 1972-274558	19720724
	CA 991635	A1	19760622	CA 1973-175024	19730627
	GB 1421946	A	19760121	GB 1973-31235	19730629
	BE 802678	A1	19740123	BE 1973-133767	19730723
	FR 2193612	A1	19740222	FR 1973-27071	19730724
	JP 49085053	A2	19740815	JP 1973-83519	19730724
	US 4046787	A	19770906	US 1975-625406	19751024

PRAI US 1972-274558 19720724
US 1974-468795 19740509

L17 ANSWER 154 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1976:477745 CAPLUS
DN 85:77745
TI 2.beta.-Formyl 3.alpha.-protected hydroxy-5-oxocyclopentane-1.alpha.-
heptanoic acids and esters
IN Miyano, Masateru
PA Searle, G. D., and Co., USA
SO U.S., 8 pp. Continuation-in-part of U.S. 3,810,936.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3932467	A	19760113	US 1973-392317	19730828
	US 3810936	A	19740514	US 1971-187853	19711008
PRAI	US 1969-799965		19690217		
	US 1971-187853		19711008		

L17 ANSWER 155 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1976:446363 CAPLUS
DN 85:46363
TI Furan intermediates for synthesis of 4-hydroxycyclopentenones,
prostaglandin synthesis intermediates
IN Floyd, Middleton B., Jr.
PA American Cyanamid Co., USA
SO U.S., 9 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3952033	A	19760420	US 1975-571041	19750423
	US 4021452	A	19770503	US 1976-653671	19760129
	GB 1549237	A	19790725	GB 1976-14004	19760407
	AU 503983	B2	19790927	AU 1976-12766	19760407
	DE 2617433	A1	19761104	DE 1976-2617433	19760421
	BE 841006	A1	19761022	BE 1976-166370	19760422
	FR 2308630	A1	19761119	FR 1976-11935	19760422
	NL 7604364	A	19761026	NL 1976-4364	19760423
	JP 51128960	A2	19761110	JP 1976-47969	19760423
	JP 60029713	B4	19850712		
	JP 60222436	A2	19851107	JP 1985-35425	19850226
	JP 01006181	B4	19890202		
PRAI	US 1975-571041		19750423		

L17 ANSWER 156 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1976:446063 CAPLUS
DN 85:46063
TI 11-Deoxy-13,14-dihydroprostaglandin 9-ketals
IN Schaub, Robert E.; Floyd, Middleton B., Jr.; Weiss, Martin Joseph
PA American Cyanamid Co., USA
SO U.S., 43 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3932463	A	19760113	US 1974-475479	19740603
	DE 2524326	A1	19751211	DE 1975-2524326	19750502
	AU 7581665	A1	19761202	AU 1975-81665	19750529
	FR 2272654	A1	19751226	FR 1975-16892	19750530
	BE 829783	A1	19751202	BE 1975-156953	19750602
	NL 7506563	A	19751205	NL 1975-6563	19750603
	JP 51011742	A2	19760130	JP 1975-66955	19750603
	US 4017534	A	19770412	US 1975-621919	19751014
PRAI	US 1970-95911		19701207		
	US 1972-263036		19720615		
	US 1974-475479		19740603		

L17 ANSWER 157 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1976:58759 CAPLUS

DN 84:58759

TI 1,3-Dicarbonyl compounds

IN Kurozumi, Seizi; Toru, Takeshi; Tanaka, Toshio; Miura, Shuzi; Kobayashi, Makiko; Ishimoto, Sachio

PA Teijin, Ltd., Japan

SO Ger. Offen., 49 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2509415	A1	19750911	DE 1975-2509415	19750304
	DE 2509415	C2	19840510		
	JP 50116401	A2	19750911	JP 1974-24133	19740304
	US 4009196	A	19770222	US 1975-554097	19750228
	NL 7502535	A	19750908	NL 1975-2535	19750304
	FR 2262972	A1	19751003	FR 1975-6655	19750304
	GB 1500367	A	19780208	GB 1975-8936	19750304
	CH 595306	A	19780215	CH 1975-2723	19750304
	CA 1105484	A1	19810721	CA 1975-221362	19750306
	US 4139717	A	19790213	US 1977-756739	19770104
PRAI	JP 1974-24133		19740304		
	US 1975-554097		19750228		

L17 ANSWER 158 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1976:43445 CAPLUS

DN 84:43445

TI **Cyclopentenone** derivative

IN Matsui, Masanao; Katsube, Yoshinori

PA Sumitomo Chemical Co., Ltd., Japan

SO Japan., 3 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 50019546	B4	19750708	JP 1969-3564	19690118

L17 ANSWER 159 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1975:592630 CAPLUS

DN 83:192630

TI Simple total synthesis of prostaglandins from 4-cumyloxy-2-

cyclopentenone

AU Stork, Gilbert; Isobe, Minoru

CS Dep. Chem., Columbia Univ., New York, N. Y., USA

SO J. Am. Chem. Soc. (1975), 97(21), 6260-1
 CODEN: JACSAT
 DT Journal
 LA English

L17 ANSWER 160 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:469519 CAPLUS
 DN 83:69519
 TI Molecular conformation of prostaglandin A1 monoclinic crystalline polymorph
 AU DeTitta, George T.; Edmonds, James W.; Duax, William L.
 CS Med. Found. Buffalo, Buffalo, N. Y., USA
 SO Prostaglandins (1975), 9(5), 659-65
 CODEN: PRGLBA
 DT Journal
 LA English

L17 ANSWER 161 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:442879 CAPLUS
 DN 83:42879
 TI Route to prostaglandins via a general synthesis of 4-hydroxycyclopentenones
 AU Stork, Gilbert; Kowalski, Conrad; Garcia, Gustavo
 CS Dep. Chem., Columbia Univ., New York, N. Y., USA
 SO J. Am. Chem. Soc. (1975), 97(11), 3258-60
 CODEN: JACSAT
 DT Journal
 LA English

L17 ANSWER 162 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:422680 CAPLUS
 DN 83:22680
 TI Prostaglandins and congeners. 7. Synthesis of simplified prostaglandins. Inhibition of gastric acid secretion by 2-(.omega.-carboxyalkyl)-3-alkylcycloalkanones
 AU Poletto, John F.; Bernady, Karel F.; Kupfer, David; Partridge, Ruth; Weiss, Martin J.
 CS Lederle Lab., Div., Am. Cyanamid Co., Pearl River, N. Y., USA
 SO J. Med. Chem. (1975), 18(4), 359-62
 CODEN: JMCMAR
 DT Journal
 LA English

L17 ANSWER 163 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:170152 CAPLUS
 DN 82:170152
 TI Prostaglandins and congeners. VIII. Improved procedure for the conjugate addition of 3-oxy-E-1-alkenyl ligands via lithium alanate reagents. 11-Deoxyprostaglandin E1 analogs
 AU Bernady, Karel F.; Poletto, John F.; Weiss, Martin J.
 CS Lederle Lab., Pearl River, N. Y., USA
 SO Tetrahedron Lett. (1975), (10), 765-8
 CODEN: TELEAY
 DT Journal
 LA English

L17 ANSWER 164 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1975:124844 CAPLUS
 DN 82:124844
 TI Total synthesis of prostaglandins. VI. Stereospecific total synthesis of prostaglandins via reaction of .alpha.-alkylcyclopentenones with organocuprates

AU Sih, Charles J.; Salomon, Robert G.; Price, Philip; Sood, Rattan;
Peruzzotti, George
CS Sch. Wisconsin, Univ. Wisconsin, Madison, Wis., USA
SO J. Am. Chem. Soc. (1975), 97(4), 857-65
CODEN: JACSAT
DT Journal
LA English

L17 ANSWER 165 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1975:92120 CAPLUS
DN 82:92120
TI Crystal and molecular structure of the orthorhombic form of prostaglandin
A1

AU Edmonds, James W.; Duax, William L.
CS Med. Found. Buffalo, Buffalo, N. Y., USA
SO J. Am. Chem. Soc. (1975), 97(2), 413-17
CODEN: JACSAT
DT Journal
LA English

L17 ANSWER 166 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:491643 CAPLUS
DN 79:91643
TI Cyclopentanones. VIII. Stereoselective synthesis of dl-8-
epiprostaglandin Fl.alpha.
AU Van Hulle, F.; Sipido, V.; Vandewalle, M.
CS Dep. Org. Chem., State Univ. Ghent, Ghent, Belg.
SO Tetrahedron Lett. (1973), (24), 2213-16
CODEN: TELEAY
DT Journal
LA English

L17 ANSWER 167 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:465890 CAPLUS
DN 79:65890
TI Prostaglandin Fl.alpha. and intermediates therefor
IN Sakai, Kiyoshi; Yusa, Takashi; Kojima, Koichi; Katano, Hamako
PA Sankyo Co., Ltd.
SO Ger. Offen., 48 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2258516	A1	19730607	DE 1972-2258516	19721129
	JP 48057956	A2	19730814	JP 1971-96037	19711129
	JP 55044058	B4	19801110		
	JP 48057957	A2	19730814	JP 1971-96038	19711129
	JP 55044059	B4	19801110		
	BE 792081	A1	19730529	BE 1972-124756	19721128
	NL 7216099	A	19730601	NL 1972-16099	19721128
	FR 2162021	A1	19730713	FR 1972-42245	19721128
	US 3806535	A	19740423	US 1972-310133	19721128
	CA 966850	A1	19750429	CA 1972-157656	19721128
	GB 1384909	A	19750226	GB 1972-55177	19721129
	CH 567450	A	19751015	CH 1972-17383	19721129
PRAI	JP 1971-96037		19711129		
	JP 1971-96038		19711129		

L17 ANSWER 168 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:465889 CAPLUS

DN 79:65889
 TI Prostaglandin Fl.alpha. and intermediates therefor
 IN Sakai, Kiyoshi; Yusa, Takashi; Kojima, Koichi; Katano, Hamako
 PA Sankyo Co., Ltd.
 SO Ger. Offen., 48 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2258515	A1	19730607	DE 1972-2258515	19721129
	JP 48057958	A2	19730814	JP 1971-96039	19711129
	SE 387939	B	19760920	SE 1972-15457	19721127
	NL 7216098	A	19730601	NL 1972-16098	19721128
	FR 2164593	A1	19730803	FR 1972-42246	19721128
	CA 995228	A1	19760817	CA 1972-157657	19721128
	BE 792082	A1	19730529	BE 1972-124757	19721129
	GB 1384910	A	19750226	GB 1972-55178	19721129
	CH 585167	A	19770228	CH 1972-17382	19721129
	US 3910965	A	19751007	US 1973-425886	19731218
PRAI	JP 1971-96039		19711129		
	US 1972-309971		19721128		

L17 ANSWER 169 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1973:465862 CAPLUS
 DN 79:65862
 TI Prostaglandins and congeners. III. Synthesis of prostaglandins by
 alanate additions to cyclopentenones
 AU Floyd, M. Brawner; Weiss, Martin J.
 CS Process Anal. Res. Sect., Lederle Lab., Pearl River, N. Y., USA
 SO Prostaglandins (1973), 3(6), 921-4
 CODEN: PRGLBA
 DT Journal
 LA English

L17 ANSWER 170 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1973:431534 CAPLUS
 DN 79:31534
 TI Prostaglandins and congeners. V. Synthesis of dl-prostaglandin E1,
 dl-11-deoxyprostaglandin E1, and dl-15-hydroxy-9-Oxo-13-cis-prostenoic
 acid via conjugate addition of 3-trityloxy-1-octenylmagnesium bromides
 AU Bernady, Karel F.; Weiss, Martin J.
 CS Lederle Lab., Am. Cyanamid Co., Pearl River, N. Y., USA
 SO Prostaglandins (1973), 3(4), 505-8
 CODEN: PRGLBA
 DT Journal
 LA English

L17 ANSWER 171 OF 180 CAPLUS COPYRIGHT 2002 ACS
 AN 1973:159017 CAPLUS
 DN 78:159017
 TI Prostaglandins. VI. Correlation of the absolute configuration of
 pyrethrolone with that of the prostaglandins
 AU Miyano, Masateru; Dorn, Clifford R.
 CS Searle Lab. Div., G. D. Searle and Co., Chicago, Ill., USA
 SO J. Amer. Chem. Soc. (1973), 95(8), 2664-9
 CODEN: JACSAT
 DT Journal
 LA English

L17 ANSWER 172 OF 180 CAPLUS COPYRIGHT 2002 ACS

AN 1973:135722 CAPLUS
DN 78:135722
TI Synthesis of novel bicyclic prostaglandins by photochemical cycloaddition reactions
AU Crabbe, Pierre; Garcia, Gustavo A.; Rius, Carlos
CS Fac. Quim., Univ. Nac. Auton. Mex., Mexico D. F., Mex.
SO J. Chem. Soc., Perkin Trans. 1 (1973), No. 8, 810-16
CODEN: JCPRB4
DT Journal
LA English

L17 ANSWER 173 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:135721 CAPLUS
DN 78:135721
TI Prostaglandins. 20. Synthesis of (+-)-11-deoxyprostaglandin E1, Fl.alpha., and Fl.beta. and its 15.beta.-epimers by conjugate addition of nitromethane to 2[6-(methoxycarbonyl)hexyl]-2-cyclopenten-1-one
AU Alvarez, Francisco S.; Wren, Douglas
CS Syntex Res. Inst. Org. Chem., Palo Alto, Calif., USA
SO Tetrahedron Lett. (1973), (8), 569-72
CODEN: TELEAY
DT Journal
LA English

L17 ANSWER 174 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:124098 CAPLUS
DN 78:124098
TI Prostaglandins and congeners. II. Conjugate addition of (3-tert-butoxyoctyl)magnesium bromide to cyclopentanones. Synthesis of racemic 11-deoxy-13-dihydroprostaglandin E1
AU Schaub, Srobert E.; Weiss, Martin J.
CS Lederle Lab., Pearl River, N. Y., USA
SO Tetrahedron Lett. (1973), (2), 129-30
CODEN: TELEAY
DT Journal
LA English

L17 ANSWER 175 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:110645 CAPLUS
DN 78:110645
TI Prostanoid acid chemistry. II. Hydrogenation studies and preparation of 11-deoxyprostaglandins
AU Lincoln, Frank H.; Schneider, William P.; Pike, John E.
CS USA
SO J. Org. Chem. (1973), 38(5), 951-6
CODEN: JOCEAH
DT Journal
LA English

L17 ANSWER 176 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:15588 CAPLUS
DN 78:15588
TI Prostaglandins and congeners I. Synthesis of 11,15-dideoxyprostaglandins E1, E2, and Fl.alpha.. Stereospecific conjugate addition of a lithium trans-1-alkenylaluminum
AU Bernady, Karel F.; Weiss, Martin J.
CS Lederle Lab., Am. Cyanamid Co., Pearl River, N. Y., USA
SO Tetrahedron Lett. (1972), (40), 4083-6
CODEN: TELEAY
DT Journal
LA English

L17 ANSWER 177 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1973:15581 CAPLUS
DN 78:15581
TI Prostaglandins. X. Synthesis of prostaglandin models and prostaglandins
by conjugate addition of a functionalized organocopper reagent
AU Kluge, Arthur F.; Untch, Karl G.; Fried, John H.
CS Syntex Res. Inst. Org. Chem., Palo Alto, Calif., USA
SO J. Amer. Chem. Soc. (1972), 94(22), 7827-32
CODEN: JACSAT
DT Journal
LA English

L17 ANSWER 178 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1972:564076 CAPLUS
DN 77:164076
TI Prostaglandins. V. Utility of the Nef reaction in the synthesis of
prostanic acids. Total synthesis of (+)-11-deoxy-PGE1, -PGE2, and their
c-15 epimers
AU Bagli, Jehan; Bogri, Tibor
CS Ayerst Res. Lab., Montreal, Que., Can.
SO Tetrahedron Lett. (1972), (36), 3815-17
CODEN: TELEAY
DT Journal
LA English

L17 ANSWER 179 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1972:461300 CAPLUS
DN 77:61300
TI Total synthesis of prostaglandins. II. Prostaglandin E1
AU Sih, Charles J.; Price, Philip; Sood, Rattan; Salomon, Robert G.;
Peruzzotti, George; Casey, Martha
CS Sch. Pharm., Univ. Wisconsin, Madison, Wis., USA
SO J. Amer. Chem. Soc. (1972), 94(10), 3643-4
CODEN: JACSAT
DT Journal
LA English

L17 ANSWER 180 OF 180 CAPLUS COPYRIGHT 2002 ACS
AN 1967:473221 CAPLUS
DN 67:73221
TI 11-Deoxyprostaglandin F1
PA Ayerst, McKenna and Harrison, Ltd.
SO Neth. Appl., 15 pp.
CODEN: NAXXAN
DT Patent
LA Dutch
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	NL 6612693		19670309		
PRAI	US		19650908		

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(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002
E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1
 E CYTOPROTECTIVE
 L3 10060 S E1-E8
 L4 781 S L3 AND L2
 L5 7993 S HEAT SHOCK PROTEINS
 L6 10 S L4 AND L5
 L7 23791 S NF
 L8 8 S L7 AND L4
 E CYCLOPENTENONE
 L9 4006 S E3
 L10 8 S L9 AND L4
 L11 8 S L10 NOT L8
 L12 3 S L10 NOT L6
 L13 8 S L2 AND L8
 L14 188 S L2 AND L9
 L15 8 S L14 AND L3
 L16 0 S L15 NOT L10
 L17 180 S L14 NOT L4

=> s 14 and pga

1986 PGA

L18 3 L4 AND PGA

=> d 118 1-3

L18 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:503468 CAPLUS
 DN 135:236943
 TI Regulation of Prostaglandin A1-induced Heat Shock Protein Expression in Isolated Cardiomyocytes
 AU Cornelussen, R. N. M.; Gupta, S.; Knowlton, A. A.
 CS Baylor College of Medicine and the VA Medical Center, Houston, TX, USA
 SO Journal of Molecular and Cellular Cardiology (2001), 33(8), 1447-1454
 CODEN: JMCDAJ; ISSN: 0022-2828
 PB Academic Press
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:625857 CAPLUS
 DN 131:318176
 TI Induction of ferritin and heat shock proteins by prostaglandin A1 in human monocytes. Evidence for transcriptional and post-transcriptional regulation
 AU Elia, Giuliano; Polla, Barbara; Rossi, Antonio; Santoro, Gabriella
 CS Institute of Experimental Medicine, CNR, Rome, Italy
 SO Eur. J. Biochem. (1999), 264(3), 736-745
 CODEN: EJBCAI; ISSN: 0014-2956
 PB Blackwell Science Ltd.
 DT Journal
 LA English
 RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
 AN 1995:613802 CAPLUS
 DN 123:26219
 TI Induction by prostaglandin A1 of heme oxygenase in myoblastic cells: an effect independent of expression of the 70 kDa heat shock protein
 AU Rossi, Antonio; Santoro, M. Gabriella

CS Inst. Experimental Medicine, CNR, Rome, 00135, Italy
SO Biochem. J. (1995), 308(2), 455-63
CODEN: BIJOAK; ISSN: 0264-6021
DT Journal
LA English

=> d 118 3 al
'AL' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, IPC, and NCL

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST;

TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):abib

'ABIB' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS -----	GI and AB
ALL -----	BIB, AB, IND, RE
APPS -----	AI, PRAI
BIB -----	AN, plus Bibliographic Data and PI table (default)
CAN -----	List of CA abstract numbers without answer numbers
CBIB -----	AN, plus Compressed Bibliographic Data
DALL -----	ALL, delimited (end of each field identified)
DMAX -----	MAX, delimited for post-processing
FAM -----	AN, PI and PRAI in table, plus Patent Family data
FBIB -----	AN, BIB, plus Patent FAM
IND -----	Indexing data
IPC -----	International Patent Classifications
MAX -----	ALL, plus Patent FAM, RE
PATS -----	PI, SO
SAM -----	CC, SX, TI, ST, IT
SCAN -----	CC, SX, TI, ST, IT (random display, no answer numbers; SCAN must be entered on the same line as the DISPLAY, e.g., D SCAN or DISPLAY SCAN)
STD -----	BIB, IPC, and NCL
IABS -----	ABS, indented with text labels
IALL -----	ALL, indented with text labels
IBIB -----	BIB, indented with text labels
IMAX -----	MAX, indented with text labels
ISTD -----	STD, indented with text labels
OBIB -----	AN, plus Bibliographic Data (original)
OIBIB -----	OBIB, indented with text labels
SBIB -----	BIB, no citations
SIBIB -----	IBIB, no citations
HIT -----	Fields containing hit terms
HITIND -----	IC, ICA, ICI, NCL, CC and index field (ST and IT) containing hit terms
HITRN -----	HIT RN and its text modification
HITSTR -----	HIT RN, its text modification, its CA index name, and its structure diagram
HITSEQ -----	HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
FHITSTR -----	First HIT RN, its text modification, its CA index name, and its structure diagram
FHITSEQ -----	First HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
KWIC -----	Hit term plus 20 words on either side
OCC -----	Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at

an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):bib

L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 1995:613802 CAPLUS

DN 123:26219

TI Induction by prostaglandin A1 of heme oxygenase in myoblastic cells: an effect independent of expression of the 70 kDa heat shock protein

AU Rossi, Antonio; Santoro, M. Gabriella

CS Inst. Experimental Medicine, CNR, Rome, 00135, Italy

SO Biochem. J. (1995), 308(2), 455-63

CODEN: BIJOAK; ISSN: 0264-6021

DT Journal

LA English

=>

=> d 118 3 all

L18 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

AN 1995:613802 CAPLUS

DN 123:26219

TI Induction by prostaglandin A1 of heme oxygenase in myoblastic cells: an effect independent of expression of the 70 kDa heat shock protein

AU Rossi, Antonio; Santoro, M. Gabriella

CS Inst. Experimental Medicine, CNR, Rome, 00135, Italy

SO Biochem. J. (1995), 308(2), 455-63

CODEN: BIJOAK; ISSN: 0264-6021

DT Journal

LA English

CC 2-9 (Mammalian Hormones)

AB Prostaglandins of the A type (PGA) induce the synthesis of 70 kDa heat shock proteins (hsp70) in a large variety of mammalian cells. Induction of hsp70 has been assocd. with a **cytoprotective** effect of PGA1 after virus infection of thermal injury. In the present report the authors provide evidence that, in murine myoblasts, PGA1 is not able to induce hsp70 expression, whereas it increases the synthesis of the constitutive protein, hsc70, and dramatically induces the synthesis of a 32 kDa protein (p32). The p32 protein has been identified as heme oxygenase. PGA1 acts at the transcriptional level by inducing heme oxygenase mRNA synthesis, and the signal for induction appears to be assocd. with decreased intracellular GSH levels. Heme oxygenase, a low-mol. mass stress protein induced in mammalian cells by oxidant stress, is known to be part of a general inducible antioxidant defense pathway. The fact that prostaglandin synthesis is stimulated in muscle during contraction and in the heart in response to ischemia raises the possibility that induction of heme oxygenase by PGA in myoblasts could be part of a protective mechanism in operation during stress and hypoxia.

ST PGA1 heme oxygenase myoblast heatshock protein

IT Myoblast

(PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)

IT Proteins, specific or class

RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
(hsp 70, PGA1 stimulation of heme oxygenase in myoblast independent of
hsp70)

IT 70-18-8, GSH, biological studies

RL: BPR (Biological process); BIOL (Biological study); PROC (Process)
(PGA1 stimulation of heme oxygenase in myoblast in relation to GSH
attenuation)

IT **14152-28-4**, PGA1

RL: BAC (Biological activity or effector, except adverse); BIOL
(Biological study)
(PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)

IT 9059-22-7, Heme oxygenase

RL: MFM (Metabolic formation); BIOL (Biological study); FORM (Formation,
nonpreparative)
(PGA1 stimulation of heme oxygenase in myoblast independent of hsp70)

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002
E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1
E CYTOPROTECTIVE

L3 10060 S E1-E8

L4 781 S L3 AND L2

L5 7993 S HEAT SHOCK PROTEINS

L6 10 S L4 AND L5

L7 23791 S NF

L8 8 S L7 AND L4
E CYCLOPENTENONE

L9 4006 S E3

L10 8 S L9 AND L4

L11 8 S L10 NOT L8

L12 3 S L10 NOT L6

L13 8 S L2 AND L8

L14 188 S L2 AND L9

L15 8 S L14 AND L3

L16 0 S L15 NOT L10

L17 180 S L14 NOT L4

L18 3 S L4 AND PGA

=> s 14 and pgd

719 PGD

L19 0 L4 AND PGD

=> s 14 and pgj

28 PGJ

L20 0 L4 AND PGJ

=> s 12 and g

2465791 G

L21 10503 L2 AND G

=> d his

(FILE 'HOME' ENTERED AT 10:45:33 ON 24 MAR 2002)

FILE 'REGISTRY' ENTERED AT 10:45:40 ON 24 MAR 2002

E PROSTAGLANDIN

L1 1007 S E2-E3

FILE 'CAPLUS' ENTERED AT 10:46:24 ON 24 MAR 2002

L2 57652 S L1

E CYTOPROTECTIVE

L3 10060 S E1-E8

L4 781 S L3 AND L2

L5 7993 S HEAT SHOCK PROTEINS

L6 10 S L4 AND L5

L7 23791 S NF

L8 8 S L7 AND L4

E CYCLOPENTENONE

L9 4006 S E3

L10 8 S L9 AND L4

L11 8 S L10 NOT L8

L12 3 S L10 NOT L6

L13 8 S L2 AND L8

L14 188 S L2 AND L9

L15 8 S L14 AND L3

L16 0 S L15 NOT L10

L17 180 S L14 NOT L4

L18 3 S L4 AND PGA

L19 0 S L4 AND PGD

L20 0 S L4 AND PGJ

L21 10503 S L2 AND G

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

190.80

199.27

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.48

-2.48

STN INTERNATIONAL LOGOFF AT 11:06:39 ON 24 MAR 2002

Connection closed by remote host